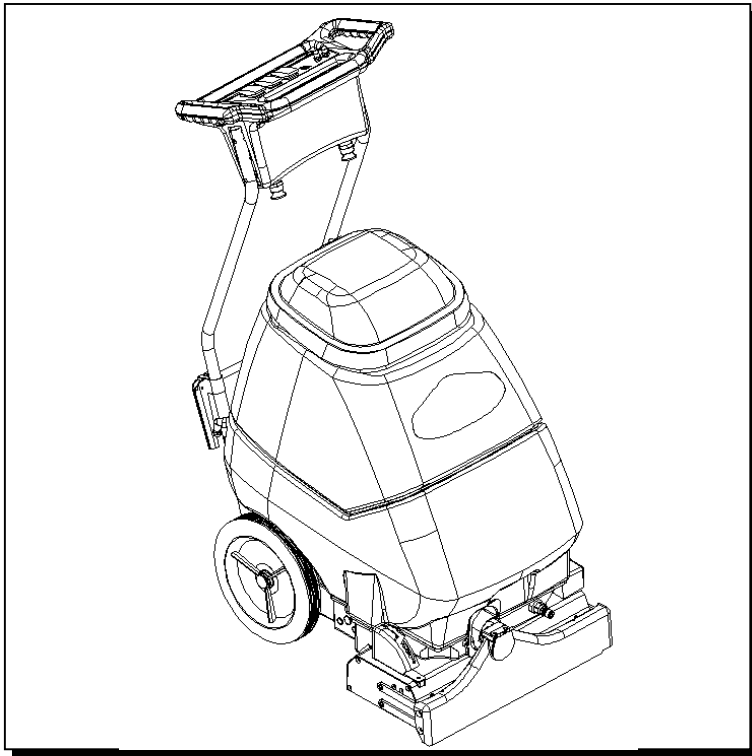


## **CARPET EXTRACTOR**



Operating Instructions

**MODEL: ADM8**  
**10080170**

**QUEST®** ... for Continuous Improvement.  
Windsor's Quality Management System is Certified ISO 9001.



*Read these instructions before operating the machine*



## **MACHINE DATA LOG/OVERVIEW**

**MODEL** \_\_\_\_\_

**DATE OF PURCHASE** \_\_\_\_\_

**SERIAL NUMBER** \_\_\_\_\_

**SALES REPRESENTATIVE #** \_\_\_\_\_

**DEALER NAME** \_\_\_\_\_

**OPERATIONS GUIDE NUMBER** \_\_\_\_\_

**PUBLISHED** \_\_\_\_\_

### **YOUR DEALER**

**Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Phone Number:** \_\_\_\_\_

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## HOW TO USE THIS MANUAL

This manual contains the following sections:

- HOW TO USE THIS MANUAL
- SAFETY
- OPERATIONS
- MAINTENANCE
- PARTS LIST

The HOW TO USE THIS MANUAL section will tell you how to find important information for ordering correct repair parts.

Parts may be ordered from authorized dealers. When placing an order for parts, the machine model and machine serial number are important. Refer to the MACHINE DATA box which is filled out during the installation of your machine. The MACHINE DATA box is located on the inside of the front cover of this manual.

|                               |
|-------------------------------|
| MODEL _____                   |
| DATE OF PURCHASE _____        |
| SERIAL NUMBER _____           |
| SALES REPRESENTATIVE # _____  |
| DEALER NAME _____             |
| OPERATIONS GUIDE NUMBER _____ |
| PUBLISHED _____               |

The model and serial number of your machine is on the bottom back-end of the machine.

The SAFETY section contains important information regarding hazard or unsafe practices of the machine. Levels of hazards is identified that could result in product or personal injury, or severe injury resulting in death.

The OPERATIONS section is to familiarize the operator with the operation and function of the machine.

The MAINTENANCE section contains preventive maintenance to keep the machine and its components in good working condition. They are listed in this general order:

- Periodic
- Daily/Regular
- Troubleshooting

The PARTS LIST section contains assembled parts illustrations and corresponding parts list. The parts lists include a number of columns of information:

- **REF** – column refers to the reference number on the parts illustration.
- **PART NO.** – column lists the part number for the part.
- **PRV NO.** – reference number.
- **QTY** – column lists the quantity of the part used in that area of the machine.
- **DESCRIPTION** – column is a brief description of the part.
- **SERIAL NO. FROM** – column indicates the first machine the part number is applicable to. When the machine design has changed, this column will indicate serial number of applicable machine. The main illustration shows the most current design of the machine. The boxed illustrations show older designs. If column has an asterisk (\*), call manufacturer for serial number.
- **NOTES** – column for information not noted by the other columns.

*NOTE: If a service or option kit is installed on your machine, be sure to keep the KIT INSTRUCTIONS which came with the kit. It contains replacement parts numbers needed for ordering future parts.*

*NOTE: The 98# on the lower left corner of the front cover is the part number for this manual.*

**IMPORTANT SAFETY INSTRUCTIONS**  
**When using an electrical appliance, basic precaution must always be followed, including the following:**

**READ ALL INSTRUCTIONS BEFORE USING THIS MACHINE.**

**This machine is for commercial use.**



**WARNING:**

**To reduce the risk of fire, electric shock, or injury:**

Connect to a **properly grounded outlet**. See Grounding Instructions.

**Do not** leave the machine unattended. Unplug machine from outlet when not in use and before maintenance or service.

**Use only** indoors. Do not use outdoors or expose to rain.

**Do not** allow machine to be used as a toy. **Close attention** is necessary when used by or near children.

**Use only** as described in this manual. Use only manufacturer's recommended components and attachments.

**Do not** use damaged electrical cord or plug. Follow all instructions in this manual concerning grounding the machine. If the machine is **not working properly**, has been dropped, damaged, left outdoors, or dropped into water, return it to an authorized service center.

**Do not** pull or carry machine by electrical cord, use as a handle, close a door on cord, or pull cord around sharp edges or corners.

**Do not** run machine over cord. **Keep** cord away from heated surfaces.

**Do not** unplug machine by pulling on cord. To unplug, grasp the electrical plug, not the electrical cord.

**Do not** handle the electrical plug or machine with wet hands.

**Do not** operate the machine with any openings blocked. Keep openings free of debris that may reduce airflow.

This machine is intended for cleaning carpet only.

**Do not** vacuum anything that is burning or smoking, such as cigarettes, matches, or hot ashes.

This machine is not suitable for picking up health endangering dust.

Turn off all controls before unplugging.

**Machine can cause a fire** when operating near flammable vapors or materials. Do not operate this machine near flammable fluids, dust or vapors.

**This machine is suitable for commercial use, for example in hotels, schools, hospitals, factories, shops and offices for more than normal housekeeping purposes.**

Maintenance and repairs must be done by qualified personnel.

If foam or liquid comes out of machine, switch off immediately.

**SAVE THESE INSTRUCTIONS**

## HAZARD INTENSITY LEVEL

The following symbols are used throughout this guide as indicated in their descriptions:

### HAZARD INTENSITY LEVEL

There are three levels of hazard intensity identified by signal words -**WARNING** and **CAUTION** and **FOR SAFETY**. The level of hazard intensity is determined by the following definitions:

#### **WARNING**

**WARNING** - Hazards or unsafe practices which COULD result in severe personal injury or death.

#### **CAUTION**

**CAUTION** - Hazards or unsafe practices which could result in minor personal injury or product or property damage.

#### ***FOR SAFETY: To Identify actions which must be followed for safe operation of equipment.***

Report machine damage or faulty operation immediately. Do not use the machine if it is not in proper operating condition. Following is information that signals some potentially dangerous conditions to the operator or the equipment. Read this information carefully. Know when these conditions can exist. Locate all safety devices on the machine. Please take the necessary steps to train the machine operating personnel.

#### ***FOR SAFETY:***

**DO NOT OPERATE MACHINE:**

Unless Trained and Authorized.

Unless Operation Guide is Read and understood.

In Flammable or Explosive areas.

In areas with possible falling objects.

#### ***WHEN SERVICING MACHINE:***

**Avoid moving parts. Do not wear loose clothing; jackets, shirts, or sleeves when working on the machine. Use manufacturer approved replacement parts.**

## GROUNDING INSTRUCTIONS

THIS PRODUCT IS FOR COMMERCIAL USE ONLY.

### ELECTRICAL:

In the USA this machine operates on a standard 15 amp 115V, 60 hz, A.C. power circuit. The amp, hertz, and voltage are listed on the data label found on each machine. Using voltages above or below those indicated on the data label will cause serious damage to the motors.

### GROUNDING INSTRUCTIONS:

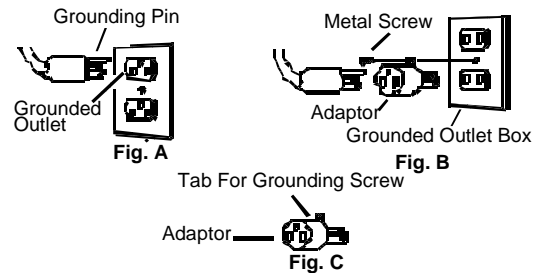
This appliance must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

This appliance is for use on a nominal 115-volt circuit, and has a grounded plug that looks like the plug in "Fig. A". A temporary adaptor that looks like the adaptor in "Fig. C" may be used to connect this plug to a 2-pole receptacle as shown in "Fig. B", if a properly grounded outlet is not available. The temporary adaptor should be used only until a properly grounded outlet (Fig. A) can be installed by a qualified electrician. The green colored rigid ear, lug, or the like extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adaptor is used, it must be held in place by a metal screw.

### WARNING:

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

### PROPER GROUNDING



**NOTE: In Canada, the use of a temporary adaptor is not permitted by the Canadian Electrical Code**

## TECHNICAL SPECIFICATIONS

### POWER TYPE

**ELECTRICAL:** 115 V, 15 A, 60 HZ

**ELECTRIC VACUUM MOTOR:** (1) –3 stage, 1 hp, 99 cfm (2.80 cubic meters/min.) Waterlift –117" (297cm)

**BRUSH:** (1) 15" (38.1 cm.)

**SOLUTION PUMP:** 100 PSI, diaphragm style, internal bypass

**SOLUTION CAPACITY:** 8 gallons (30.3 ltr)

**RECOVERY CAPACITY:** 8 gallons (30.3 ltr)

**BRUSH SPEED:** 1000 rpm

### GENERAL DIMENSIONS/WEIGHT

**Vacuum shoe:** 17" (43.18 cm) cast aluminum with spring loaded down pressure

**WHEELS:** (2) 10" dia. (25 cm) wheels by 2"

**WEIGHT:** 92 lbs. (42 kg)

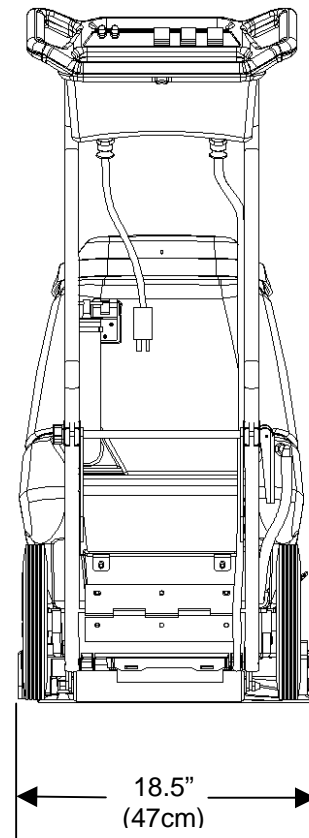
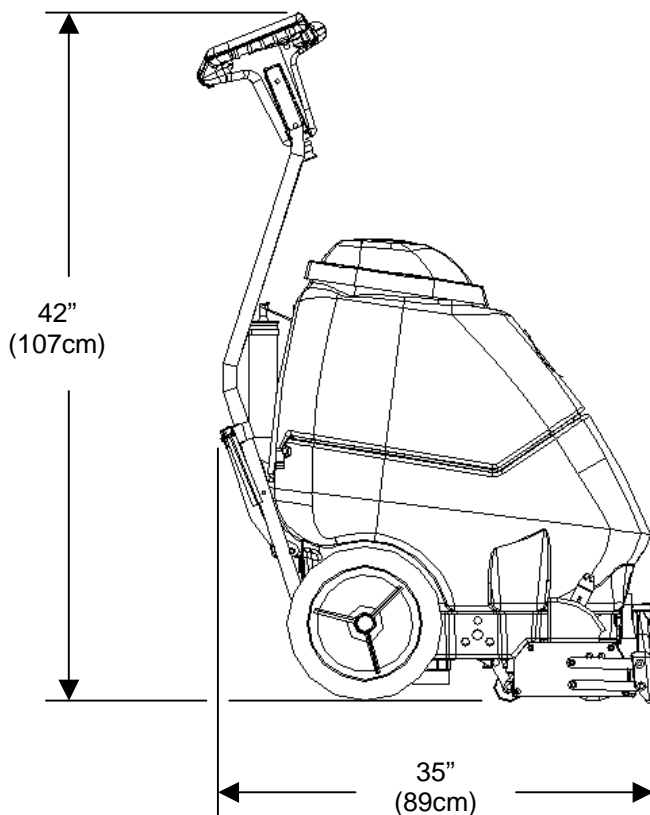
**LENGTH:** 35" (89 cm)

**HEIGHT:** 42" (107 cm)

**WIDTH:** 18.5" (47 cm)

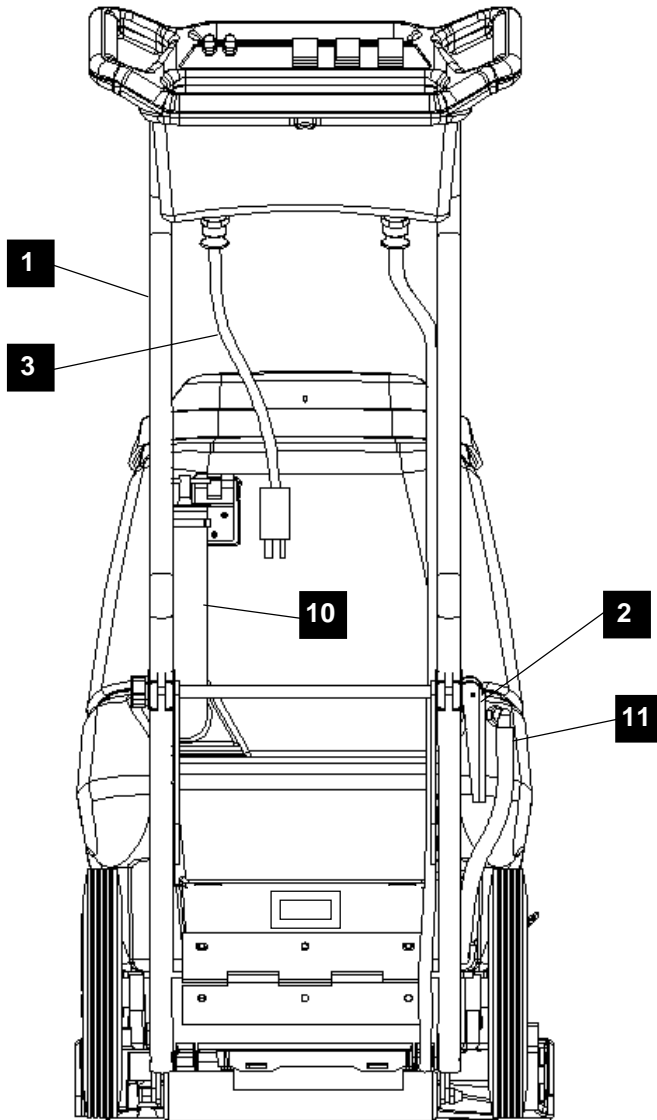
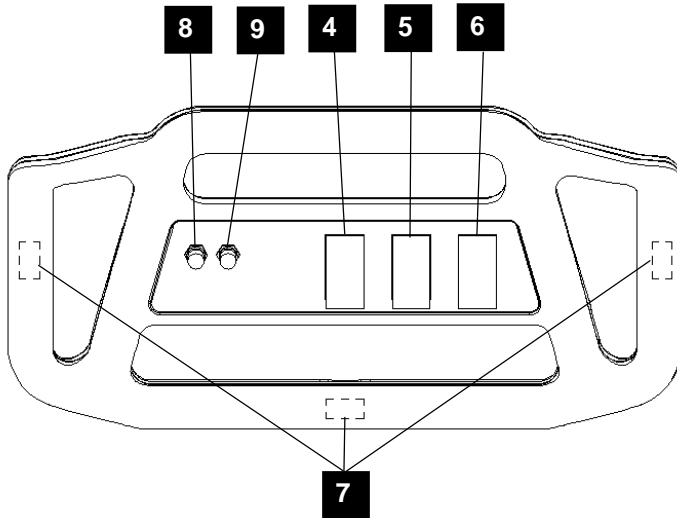
**SOLUTION SPRAY:** 2 quick change jets.

**POWER CABLE:** 50' (12.7 m) (14 gauge)





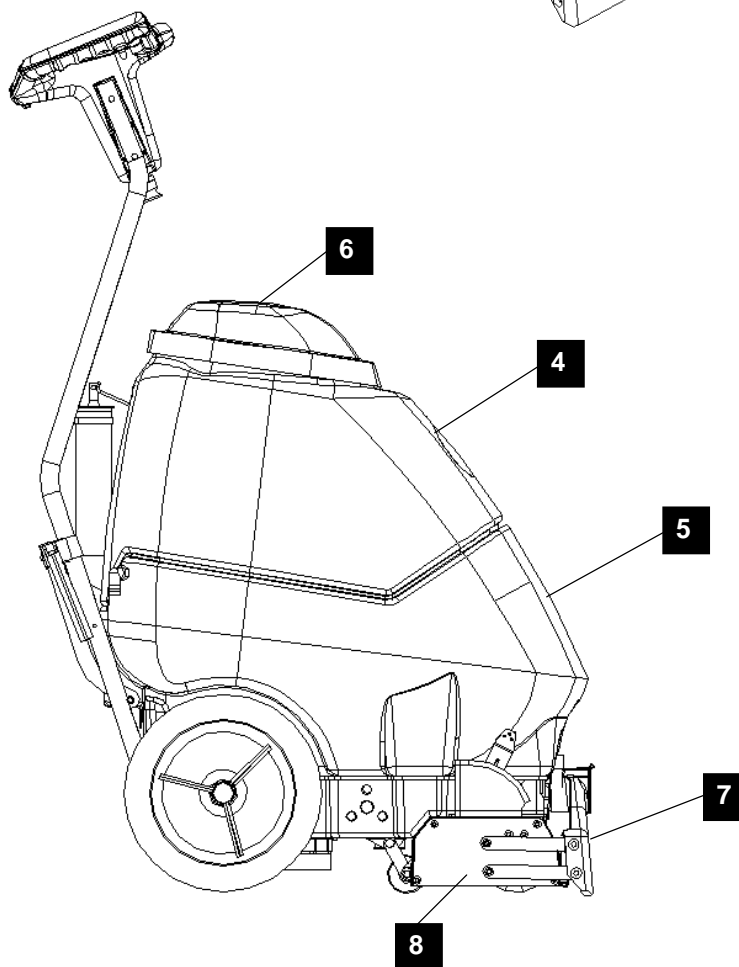
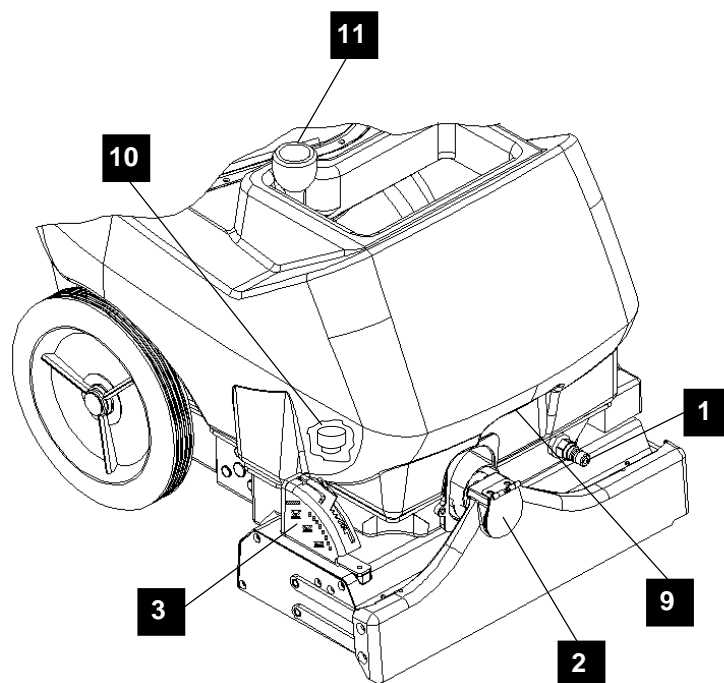
## CONTROLS/COMPONENT LOCATIONS



1. **Main Handle.** Used to pull and maneuver machine.
2. **Handle Adjustment.** Used to adjust height of handle.
3. **Electrical Cord.**
4. **Solution Switch.** Turns on pump. Continuous position (bottom) activates electro-valve to dispense solution to floor through jets. Intermittent position (up) requires operator to depress 1 of 3 trigger switches to dispense solution. Center position is off.
5. **Brush Motor Switch.** Turns on brush motor.
6. **Vacuum Motor Switch.** Turns on vacuum motor.
7. **Trigger Switches.** Activates electro-valve to dispense solution to floor through jets when solution switch is in the intermittent position.
8. **Brush Motor Circuit Breaker.** 6 amp. Breaker protecting brush motor.
9. **Vacuum Motor Circuit Breaker.** 15 amp. Breaker protecting vacuum motor.
10. **Recovery Dump Hose.** Facilitates draining dirty cleaning solution.
11. **Solution Dump Hose.** Facilitates draining excess cleaning solution from solution tank.

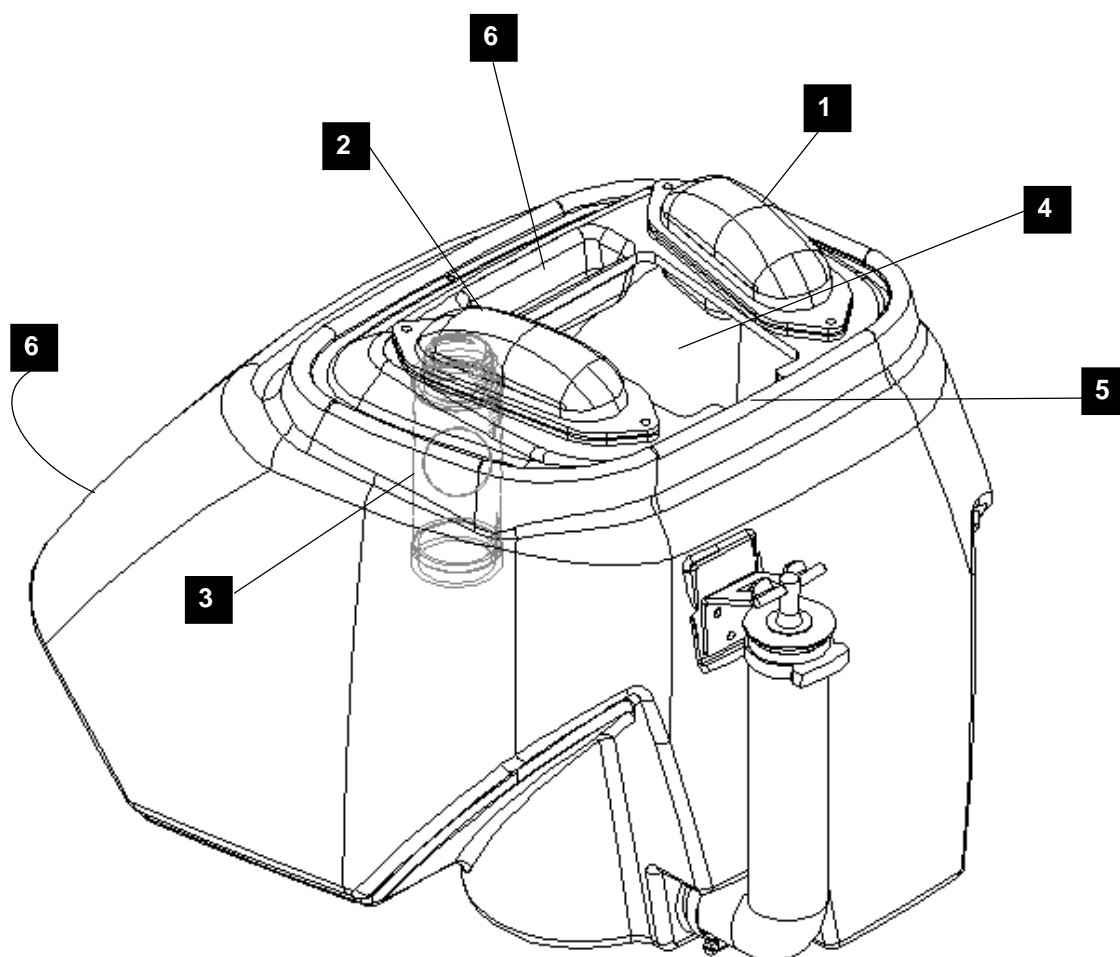
## CONTROLS/COMPONENT LOCATIONS

1. **Solution Accessory Tool Hookup.** Used for various auxiliary cleaning tools.
2. **Vacuum Hose Door.** Used to connect various auxiliary 1 ½ inch cleaning tool vacuum hoses.
3. **Brush Height Adjustment.** Used to regulate brush height from storage position to various carpet heights.
4. **Recovery Tank.** Used to collect dirty cleaning solution.
5. **Solution Tank.** Used to hold cleaning solution.
6. **Recovery Tank Dome.**
7. **Vacuum Shoe.**
8. **Brush Housing.**
9. **Front Lifting Handle.**
10. **Cleaning Solution Filter.**
11. **Solution Tank Fill Hose.**

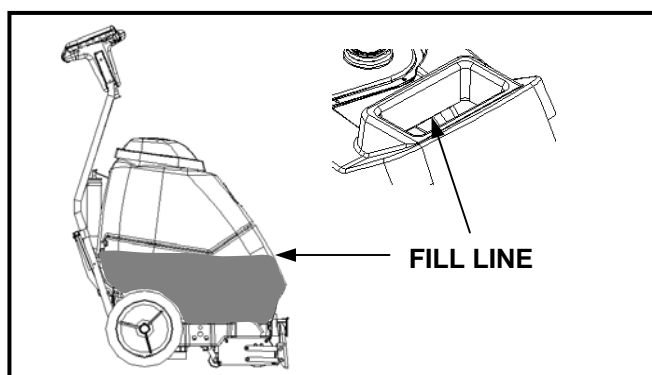
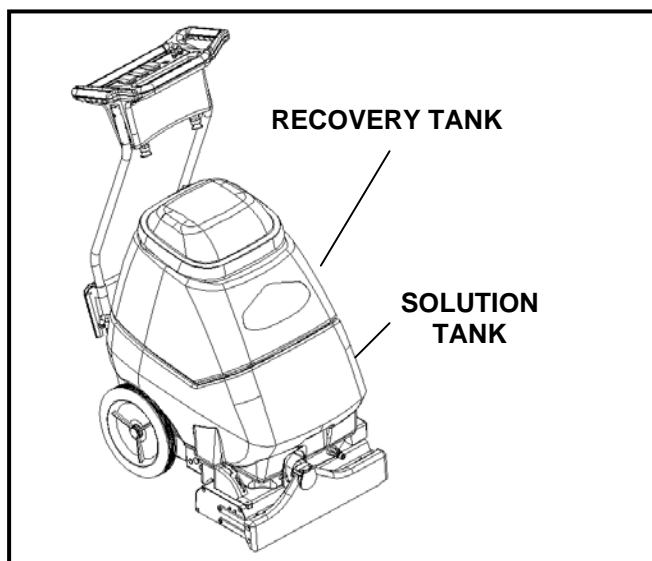


## ***CONTROLS/COMPONENT LOCATIONS***

1. Solution Intake Cover.
2. Vacuum Intake Cover.
3. Float Shut-Off.
4. Clean-Out Opening.
5. Pour Spout.
6. Lift Handle.



## FILLING OPERATIONS



### FILLING THE ADMIRAL

**NOTE:** Use clean bucket of water to fill solution tank

**Do not** put defoamer, solvents, spotter or prespray chemicals in the solution tank.

**Do not** allow water to spill into vacuum motor inlet. Dry spillage from top of solution tank before replacing recovery tank.

### CHEMICALS

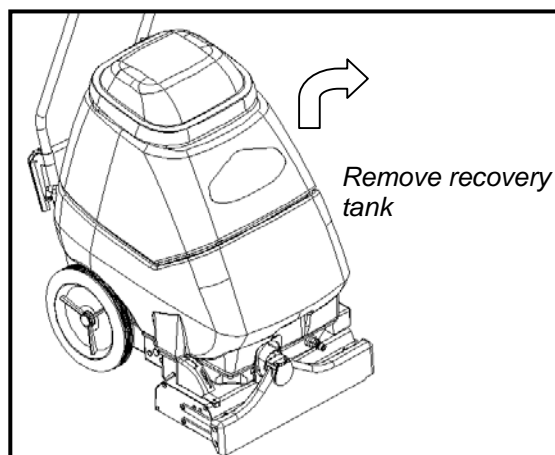
#### Suitable Chemicals

Alkalies  
Detergents  
Hydroxides  
Soaps  
Vinegar

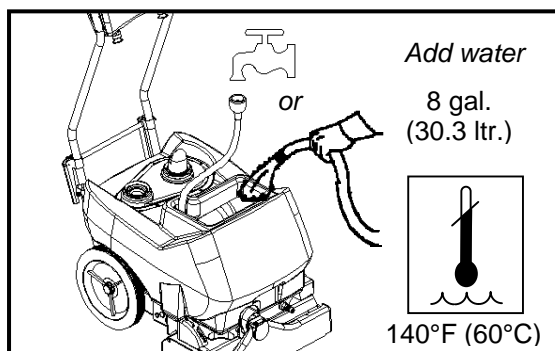
#### Non-Compatible Chemicals

Aldehydes  
Aromatic Hydrocarbons  
SP Butyls  
Carbon Tetrachloride  
Clorox\*  
Chlorinated Bleaches  
Chlorinated Hydrocarbons  
Lysol\*  
Methyl Ethel Ketone (MEK)  
Perchlorethylene (perc)  
Phenolics  
Trichlorethylene  
D-Limonene

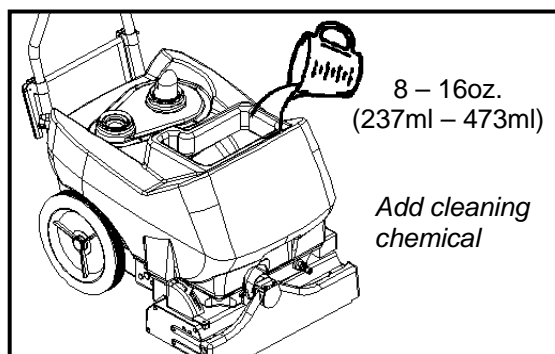
STEP  
1



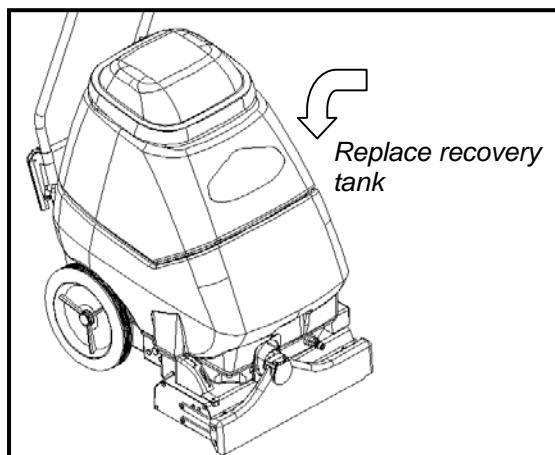
STEP  
2



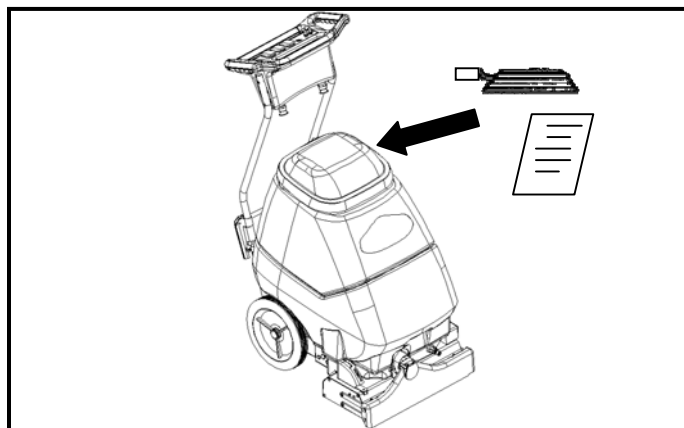
STEP  
3



STEP  
4

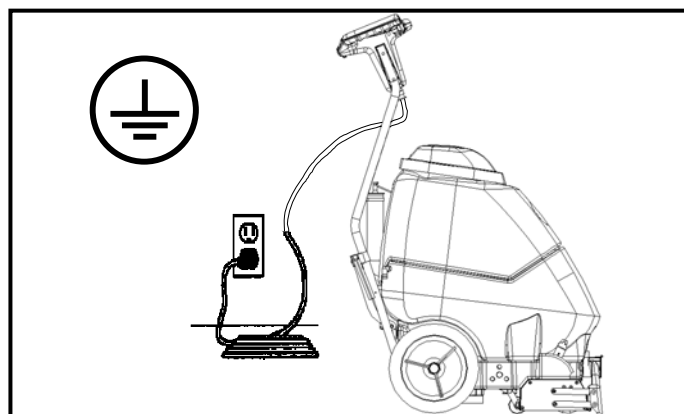


## OPERATIONS



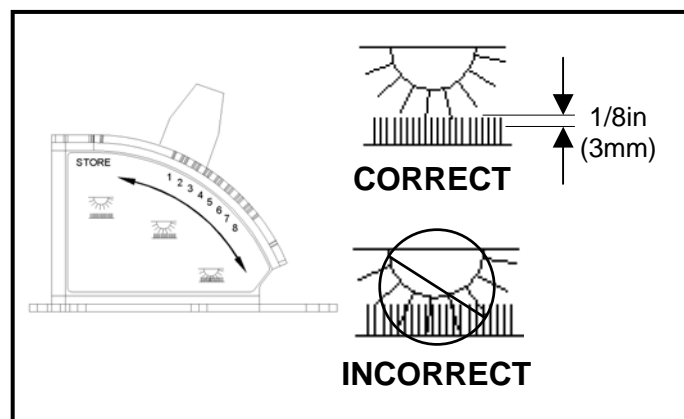
**STEP  
1**

Remove electrical cord and literature from recovery tank. Fill solution tank (see filling instructions page 3-5).



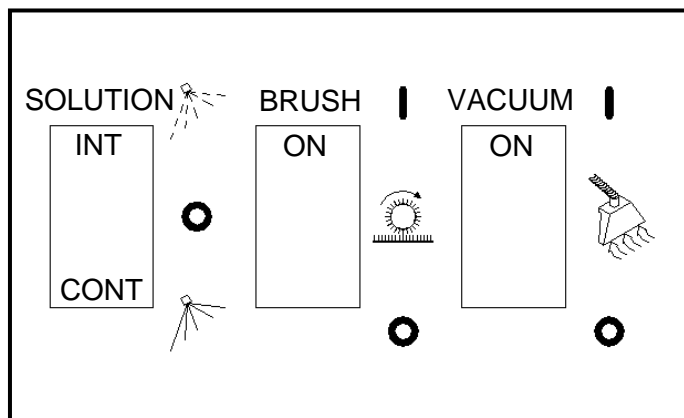
**STEP  
2**

Plug cord into grounded outlet. *Note: Be sure dome is seated on recovery tank, and float shut-off is installed correctly.*



**STEP  
3**

Adjust brush to proper setting. *Note: For good operation the brush must skim the carpet. If circuit breaker trips raise brush to prevent damage to motor or carpet.*



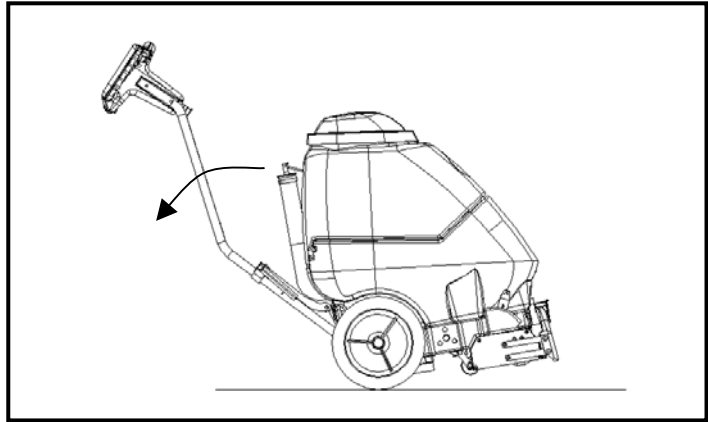
**STEP  
4**

Turn on brush and vacuum motor switches ("ON"="I"). Turn on solution switch for continuous spray or set switch to intermittent to allow use of trigger switches.

## OPERATIONS

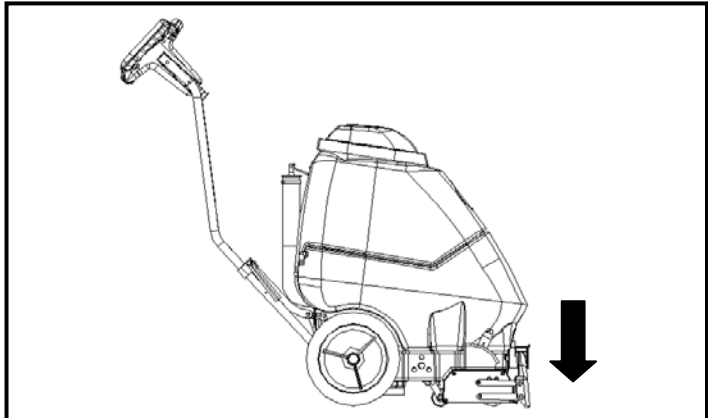
Adjust handle to comfortable operating position. Tip machine back by main handle to move to starting point.

STEP  
5



Lower machine to floor.

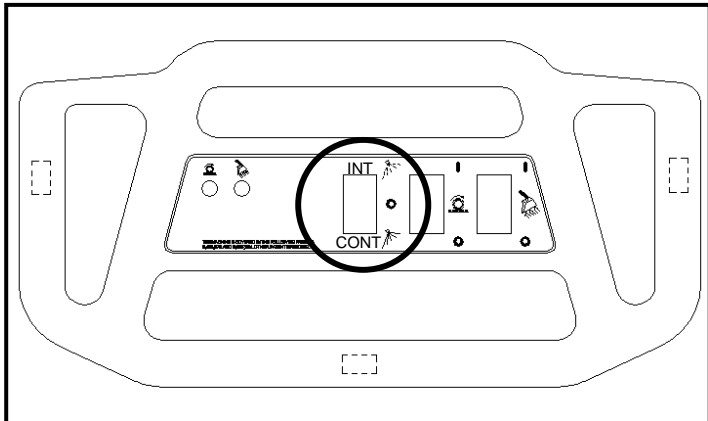
STEP  
6



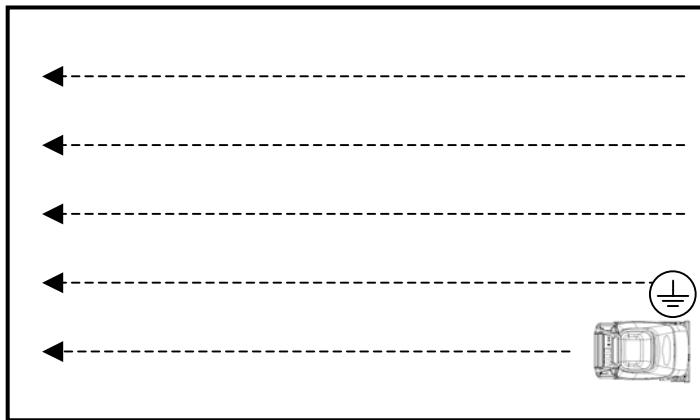
Select continuous setting to start solution spray or select intermittent setting to enable use of trigger switches to start solution spray.

The intermittent setting requires the operator to hold any one of the three trigger switches in the “on” position with the fingers, and is typically used in small areas where short cleaning passes are made. The continuous setting allows the operator to set the switch in the “on” position with one touch, and is typically used in large areas where long cleaning passes are made.

STEP  
7

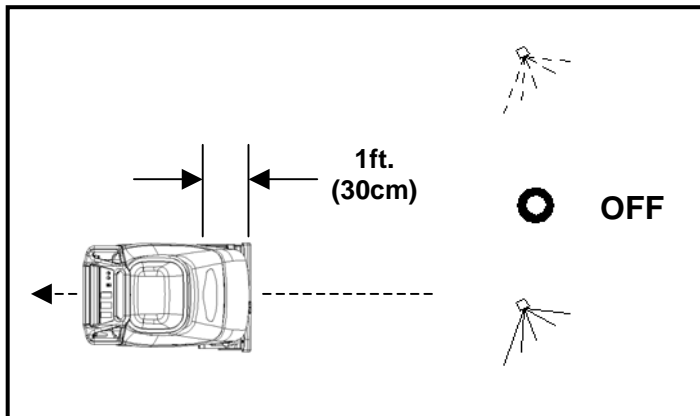


## CLEANING PROCEDURE



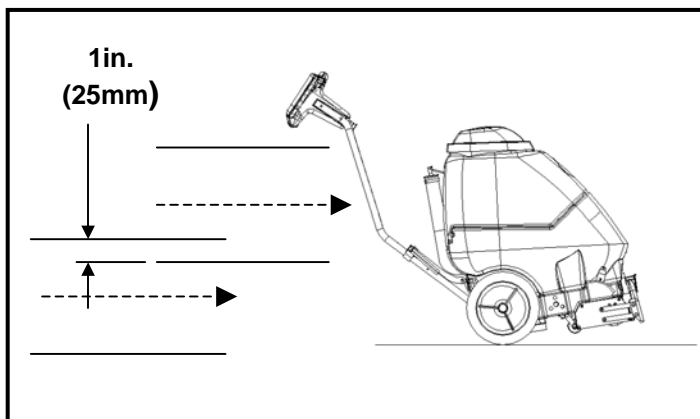
**STEP  
1**

Start at wall closest to power outlet. Pull straight back without pushing down on handle.



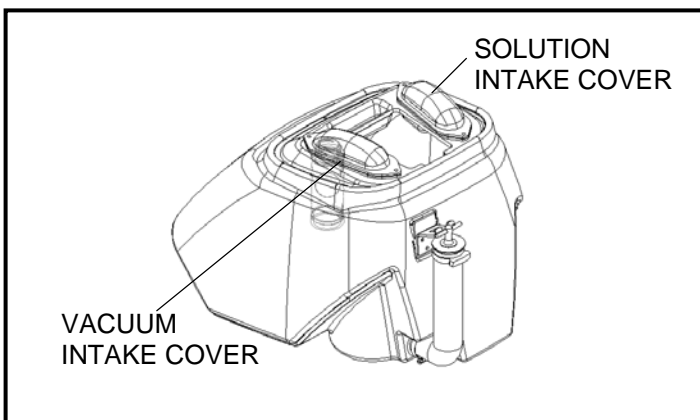
**STEP  
2**

Release intermittent trigger switches or turn off continuous setting on solution switch approximately 1 foot before ending cleaning pass.



**STEP  
3**

Push down on handle to raise vacuum shoe and brush before moving to the next cleaning pass. Overlap brush contact area approximately 1 inch.



**STEP  
4**

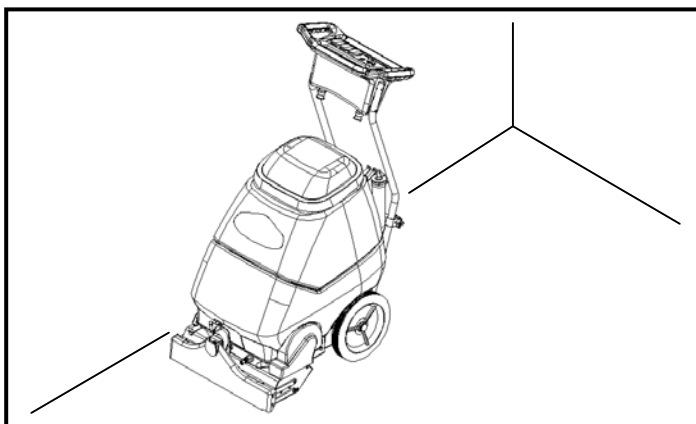
During operation, observe the following: The Admiral is equipped with clear internal covers to facilitate operator viewing of dirty solution and vacuum air flow.

During operation, observe the vacuum intake cover. Large amounts of water or foam entering the vacuum system can damage the vacuum motor. If you notice either condition, **shut down the machine immediately**. Empty recovery tank and/or add defoamer to recovery tank.

## CLEANING PROCEDURE

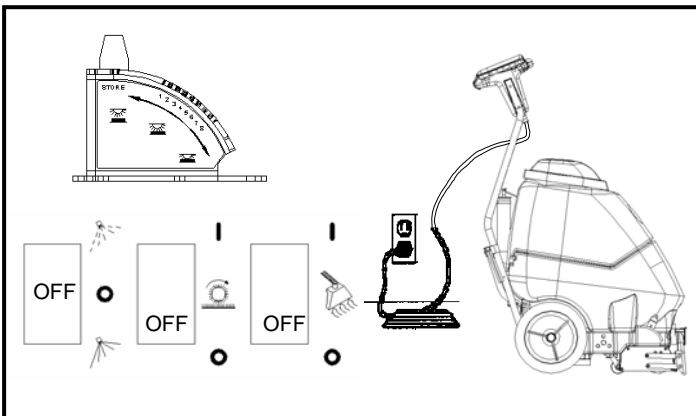
Use right side of machine for cleaning against walls.

STEP  
5



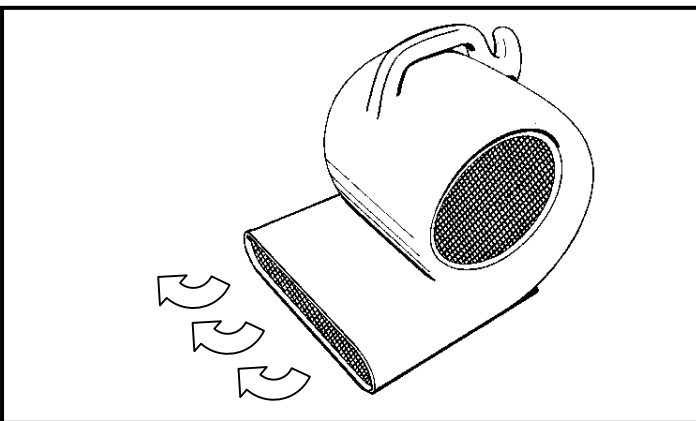
After cleaning, turn off all controls, return brush to storage position and carefully unplug machine.

STEP  
6



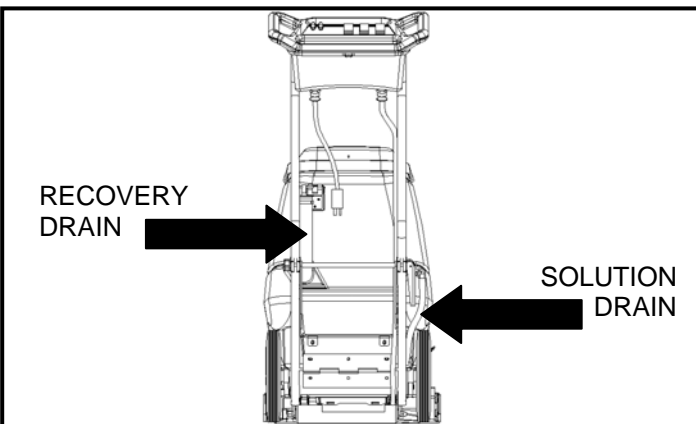
To speed drying, use a Windblower™ fan.

STEP  
7



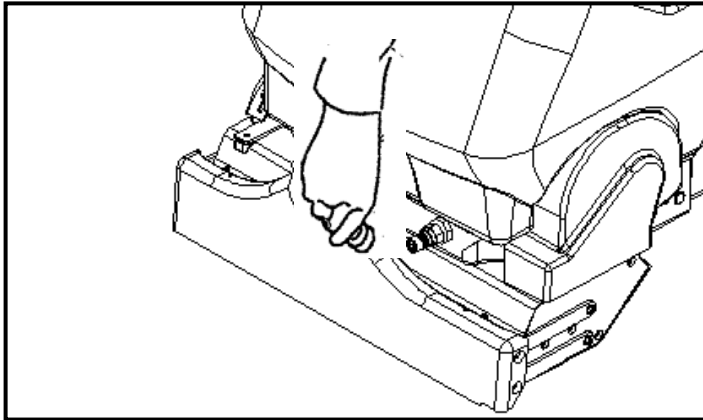
Empty recovery tank by releasing dump hose. Use a hose with cold water to clean out the recovery tank. Also drain solution tank after each use.

STEP  
8





## ACCESSORY TOOL USAGE



STEP  
1

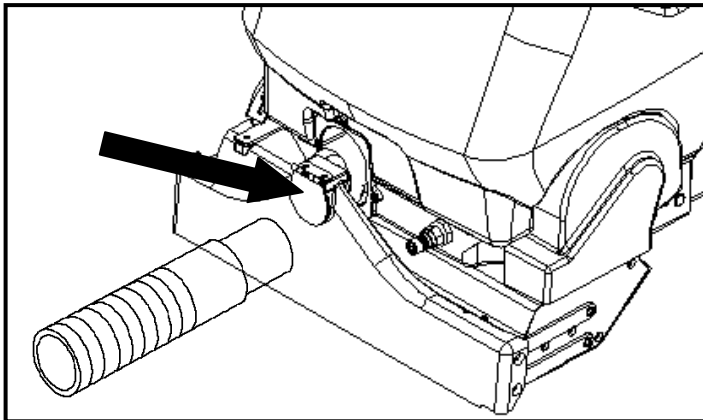
Use only one of the following acceptable accessory tools.

HT – 86000610 PRV NO. 89227

DDH – 86000060 PRV NO. 89226

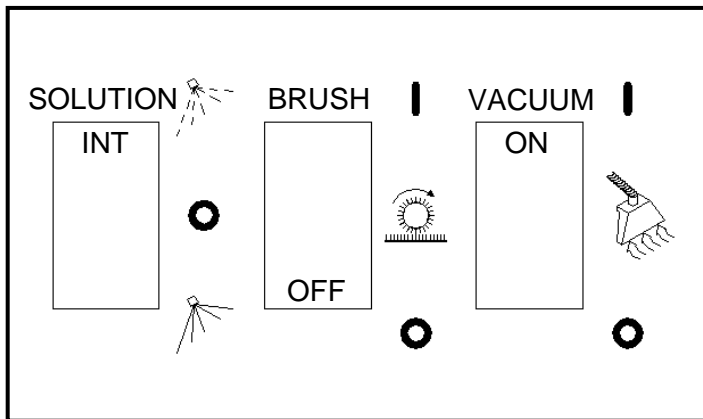
DH – 86031540 PRV NO. 39504

Pull back collar and insert over machine mounted fitting, then release collar to lock into place.



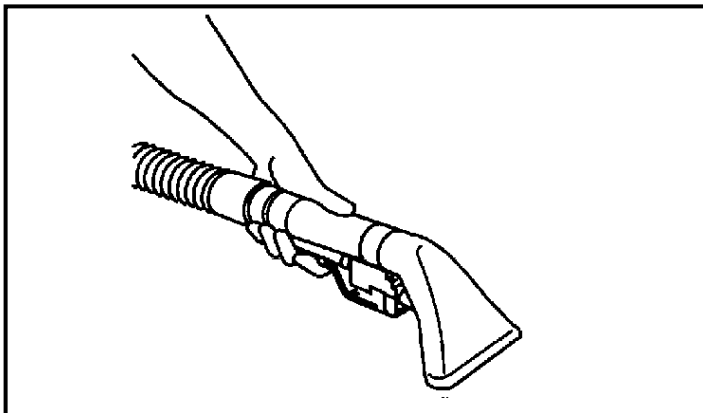
STEP  
2

Lift door on front of vacuum shoe and insert 1 ½ inch hose cuff into hole.



STEP  
3

Turn on vacuum motor switch and set solution switch to intermittent position.  
*Note: Be sure brush switch is in off position and brush is in storage position.*



STEP  
4

Squeeze handle on accessory tool to begin cleaning.

## MAINTENANCE

### SERVICE SCHEDULE

| MAINTENANCE  | DAILY | WEEKLY | QUARTERLY |
|--|-------|--------|-----------|
| Check machine for cord damage  | *     |        |           |
| Check recovery dome and gasket for damage and cleanliness                    | *     |        |           |
| Check brush – should be clean with no lint or strings attached               | *     |        |           |
| Inspect vac shoe for blockage; remove fibers with coat hanger, etc.          | *     |        |           |
| Check hoses for wear, blockages, or damage                                   | *     |        |           |
| Check handles, switches, and knobs for damage                                | *     |        |           |
| Check vac motor intake filter and clean                                      | *     |        |           |
| Run one gallon of water through system                                       | *     |        |           |
| Clean out recovery tank and check float valve to make sure it moves freely   | *     |        |           |
| Clean out solution tank and remove and clean vacuum intake screen            | *     |        |           |
| Clean outside of all tanks and check for damage                              | *     |        |           |
| Run vac motor for at least one minute to allow motor to dry                  | *     |        |           |
| Store with dome off tank to allow the tank to dry                            | *     |        |           |
| Check all bearings for noise   |       | *      |           |
| Check all gaskets for wear and leakage                                       |       | *      |           |
| Check vacuum intake screen for damage; replace if necessary                  |       | *      |           |
| Check pump pressure; observe spray pattern and check with gauge if necessary |       | *      |           |
| Check and clean solution screen  |       | *      |           |
| Check belts for wear and replace as necessary                                |       | *      |           |
| Check brush for wear; ensure bristles are not damaged                        |       | *      |           |
| Check cables for fraying   |       | *      |           |
| Check the spray bar (manifold) for damage; replace if broken or bent         |       | *      |           |
| Check condition of vac shoe and frame for damage                             |       | *      |           |
| Check overall performance of machine   |       | *      |           |
| Check vac motor carbon brushes   |       |        | *         |

## PERIODIC MAINTENANCE

Twice a month, flush a white vinegar solution (One quart vinegar to two gallons of water) or anti-browning solution (mixed as directed) through the extractor. This will prevent build-up of alkaline residue in the system. If spray jets become clogged, remove the spray tips, wash them thoroughly, and blow-dry.

*NOTE: Do not use pins, wire, etc. to clean nozzles as this could destroy spray pattern.*

Periodically inspect all hoses, electrical cables and connections on your machine. Frayed or cracked hoses should be repaired or replaced to eliminate vacuum or solution pressure loss. If the cable insulation is broken or frayed, repair or replace it immediately. Don't take chances with electrical fire or shock.

## DAILY / REGULAR MAINTENANCE

Before making any adjustments or repairs to the machine, disconnect the power cord from electrical source.

1. Empty unused cleaning solution from the solution tank.
2. Inspect and clean filter screen in solution tank.
3. Flush pumping system with 4 or 7 liters of clean, hot water.
4. After each use, rinse tank with fresh water. Periodically inspect the recovery tank and decontaminate if necessary, using a Hospital Grade Virucide or a 1-10 bleach to water solution. Waste water should be disposed of properly.
5. Check for and remove any lint or debris around vac shoe.
6. Check spray jets for full spray pattern.

7. Remove lint and dirt build-up from brush and housing.

*NOTE: Brush removal.*

- A. To remove brush, grab and pull brush out from end opposite drive belt (operator's right). Remove other end from brush driver.
  - B. To install brush, line up slots in brush core with pin in driver on drive belt side (operator's left) and push brush onto driver. Then snap bearing end (opposite end) of brush into retaining clip.
8. Check cooling air screen (located on frame behind left wheel) for lint or debris.
  9. Check float and shut-off screen and clean as necessary.

*NOTE: Always store machine with brush in "Store" position.*

## MAINTENANCE



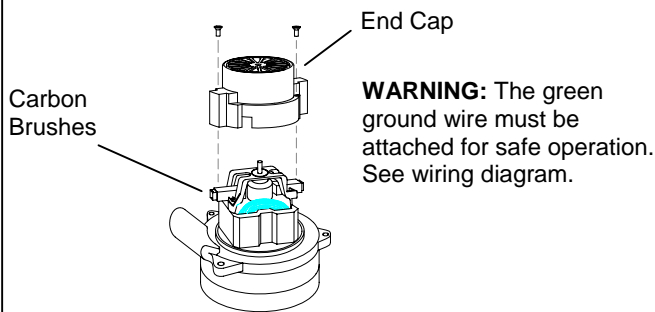
### WARNING:

ONLY QUALIFIED MAINTENANCE PERSONNEL ARE TO PERFORM THE FOLLOWING REPAIRS.

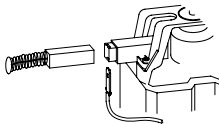
### VACUUM MOTOR REPLACEMENT

1. Turn off all switches and unplug machine.
2. Remove recovery tank.
3. Remove the (2) screws that fasten the solution tank to the frame, and tilt tank back to expose the inside of the frame.
4. Locate the vacuum motor wires and disconnect at the connector. Close the solution tank.
5. Remove the (6) screws holding the vacuum motor cover (p/n 27809) to the solution tank.
6. Remove the vacuum motor.
7. Reverse process to install vacuum motor.

#### Vacuum Motor Carbon Brushes Replacement (Windsor)

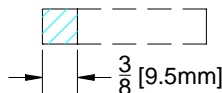


If armature commutator is grooved, extremely pitted or not concentric, the motor will need to be replaced or sent to a qualified service center.



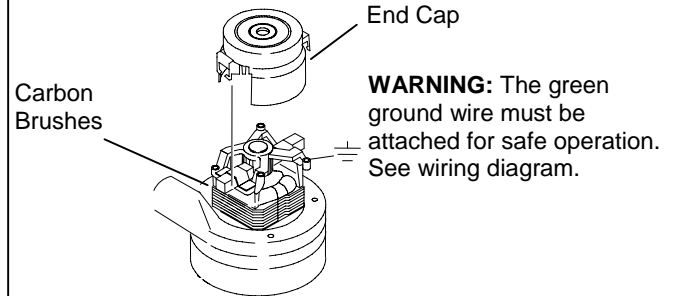
#### Important:

These brushes wear quicker as the length shortens due to increased heat. Spring inside brush housing will damage motor if brushes are allowed to wear away completely.

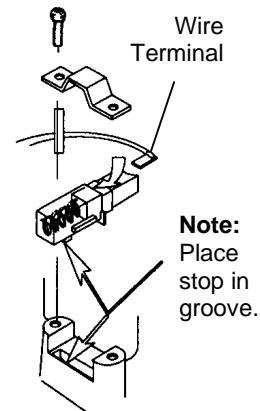


Periodically check the length of the carbon brushes. Replace both carbon brushes when either is less than 3/8" (9.5mm) long.

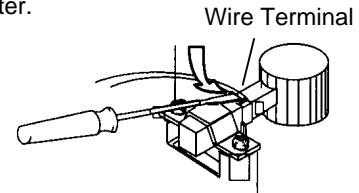
#### Vacuum Motor Carbon Brushes Replacement (Ametek)



**Note:** When replacing carbon brushes loosen wire terminal **BEFORE** removing screws on bracket.

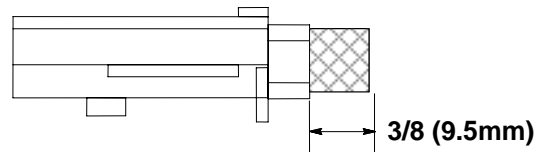


If armature commutator is grooved, extremely pitted or not concentric, the motor will need to be replaced or sent to a qualified service center.



#### Important:

These brushes wear quicker as the length shortens due to increased heat. Spring inside brush housing will damage motor if brushes are allowed to wear away completely.



Periodically check the length of the carbon brushes. Replace both carbon brushes when either is less than 3/8" (9.5mm) long.

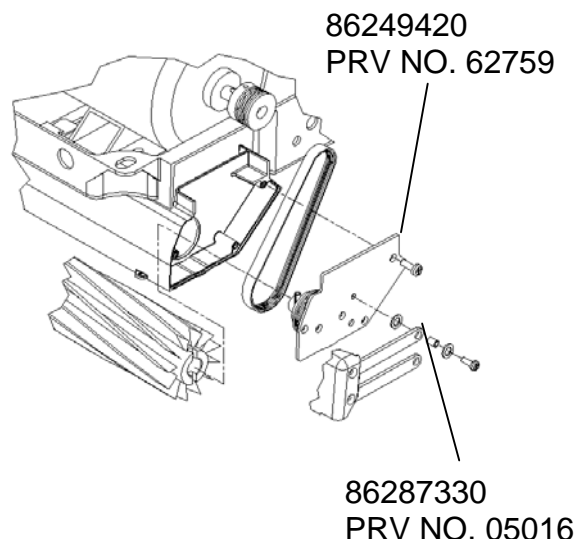


### WARNING:

ONLY QUALIFIED MAINTENANCE PERSONNEL ARE TO PERFORM THE FOLLOWING REPAIRS.

### BELT REPLACEMENT

1. Turn off all switches and unplug machine.
2. Remove recovery tank and brush.
3. Remove the (2) screws that fasten the solution tank to the frame, and tilt tank back to expose the inside of the frame.
4. Loosen the (4) screws that hold the brush motor in place and slide motor forward to release tension in belt.
5. Remove the (2) screws that fasten the vacuum shoe links (p/n 05016) to the brush housing.
6. Remove the (3) screws that fasten the side plate (p/n 62759) to the brush housing to remove belt. *NOTE: All components associated with driving the brush will come out with the side plate.*
7. Reverse process to install belt.



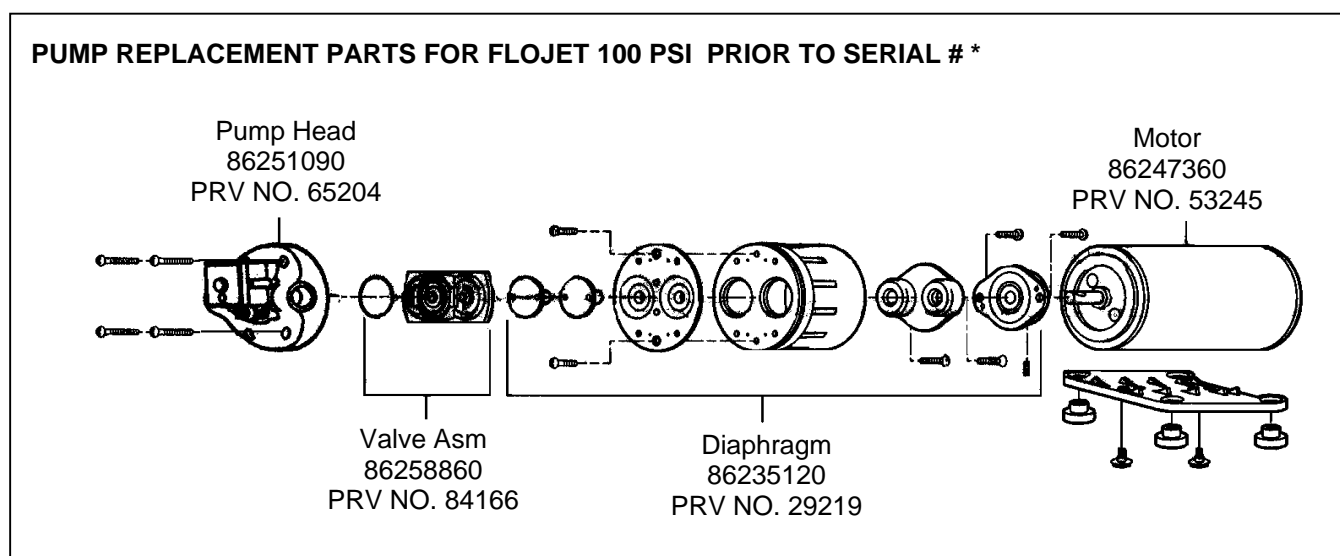
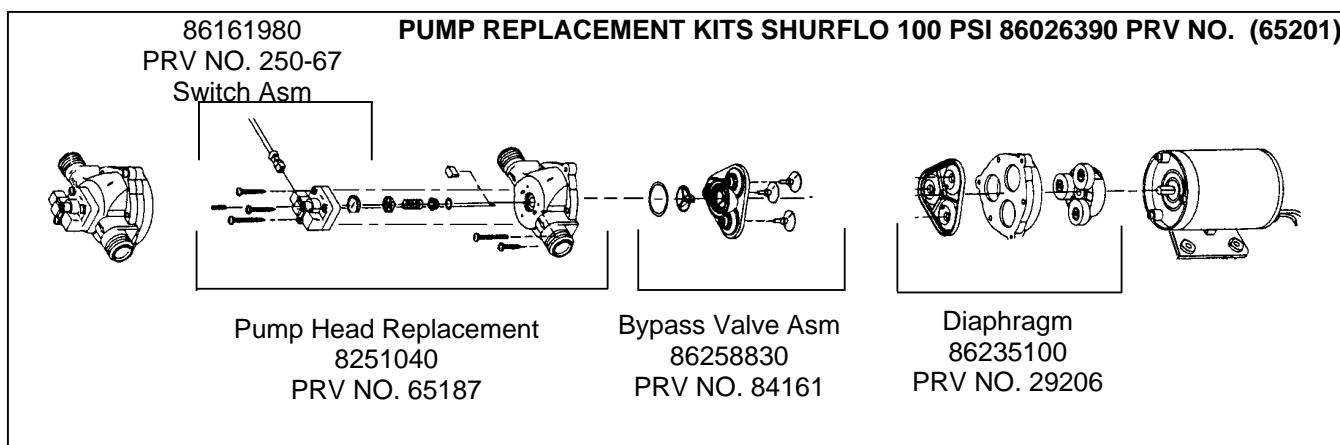


## WARNING:

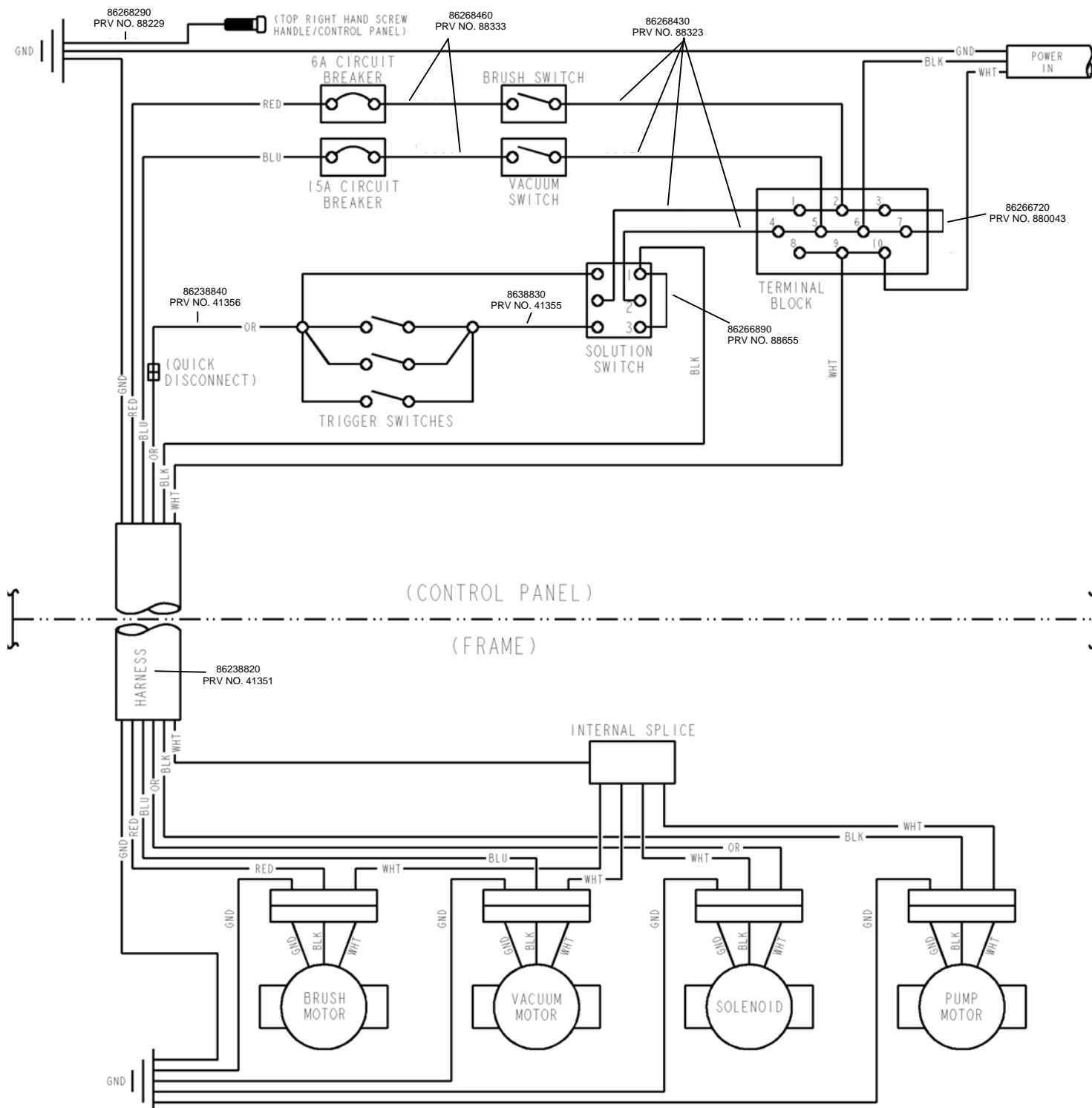
ONLY QUALIFIED MAINTENANCE PERSONNEL ARE TO PERFORM THE FOLLOWING REPAIRS.

### SOLUTION PUMP REPLACEMENT

1. Turn off all switches and unplug the machine.
2. Remove recovery tank.
3. Remove the (2) screws that fasten the solution tank to the frame, and tilt tank back to expose the inside of the frame.
4. Remove solution hoses from fittings in pump.
5. Remove the (2) screws that fasten the pump to the frame.
6. Reverse process to install pump.



# WIRING DIAGRAM



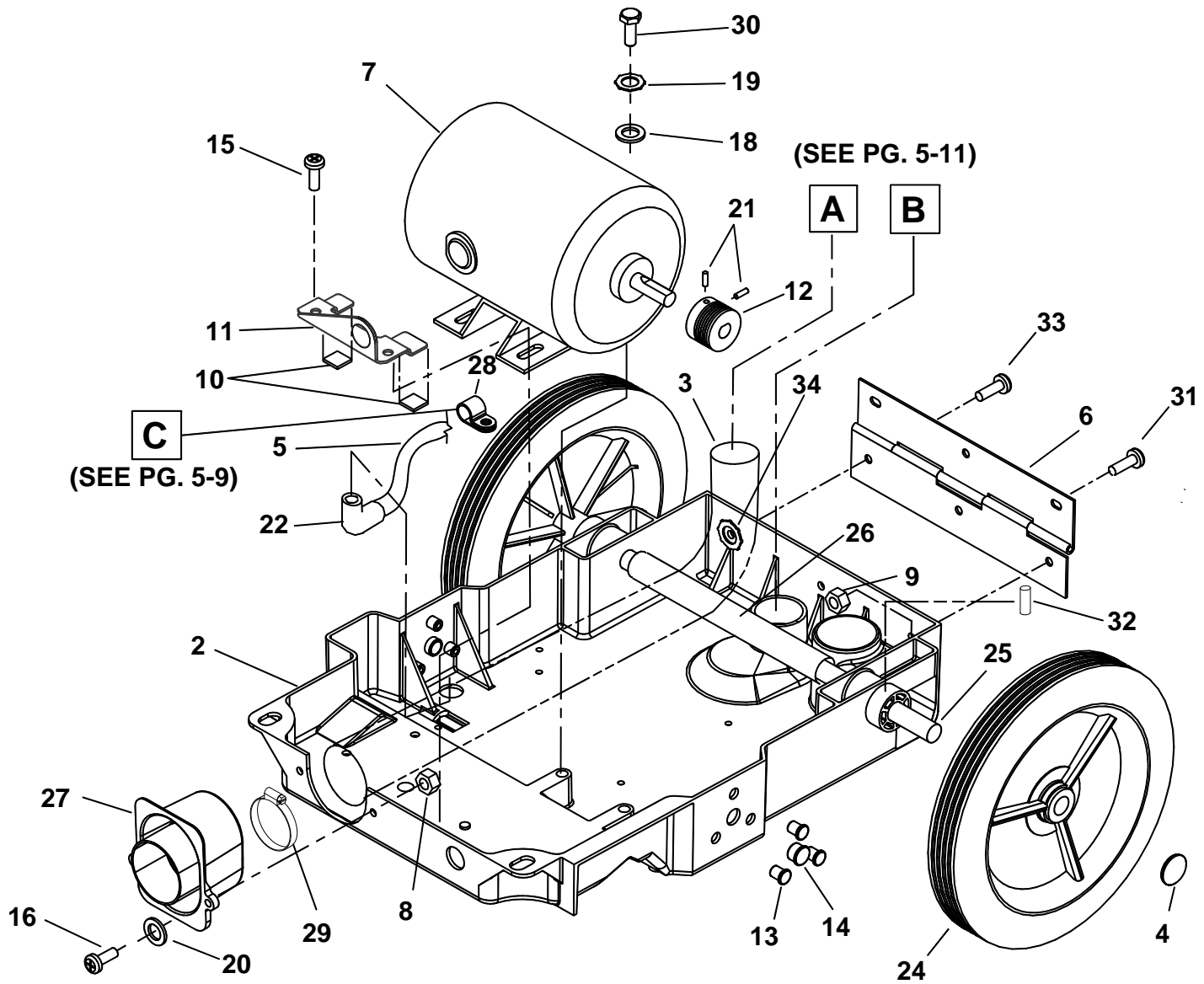
## TROUBLESHOOTING CHART

| PROBLEM                                   | CAUSE   | SOLUTION   |
|---|---|--|
| No Power, Nothing Runs                    | Is the cord plugged in.                                   | Plug in cord.                                      |
|   | Circuit breaker tripped in building.                      | Reset breaker.                                     |
|   | Faulty switch.  | Call for service.                                  |
|   | Faulty power cord or pigtail.                             | Call for service.                                  |
| Vacuum Motor Will Not Run                 | Vacuum circuit breaker tripped.                           | Reset breaker.                                     |
|   | Faulty main vacuum switch.                                | Call for service.                                  |
|   | Loose wiring.   | Call for service.                                  |
|   | Faulty vac motor.   | Call for service.                                  |
|   | Carbon brushes worn.                                      | See "Brush Replacement" in maintenance section.    |
| Vacuum Motor Runs But Suction Is Poor     | Debris lodged in vac shoe.                                | Remove debris from vac shoe.                       |
|   | Dome gasket defective or missing.                         | Replace as necessary.                              |
|   | Vacuum hose cracked or hose cuff loose.                   | Replace or repair as necessary.                    |
|   | Recovery tank full / float ball stuck in the up position. | Turn off vac motor. Drain and rinse recovery tank. |
| Poor Or No Water Flow (Carpet Is Streaky) | Main pump switch off.                                     | Turn on.   |
|   | Jets clogged or missing.                                  | Clean using a vinegar /water solution or replace.  |
|   | Solution filter clogged.                                  | Drain solution tank and clean solution filter.     |
|   | Faulty solenoid.  | Call for service.                                  |
| Brush Does Not Spin                       | Brush switch off.   | Turn on brush switch.                              |
|   | Brush circuit breaker tripped.                            | Reset circuit breaker.                             |
|   | Brush belt broken.  | Replace as necessary.                              |
|   | Faulty brush motor.                                       | Call for service.                                  |



**NOTES:**

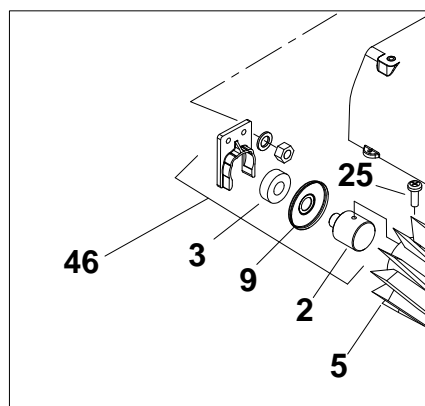
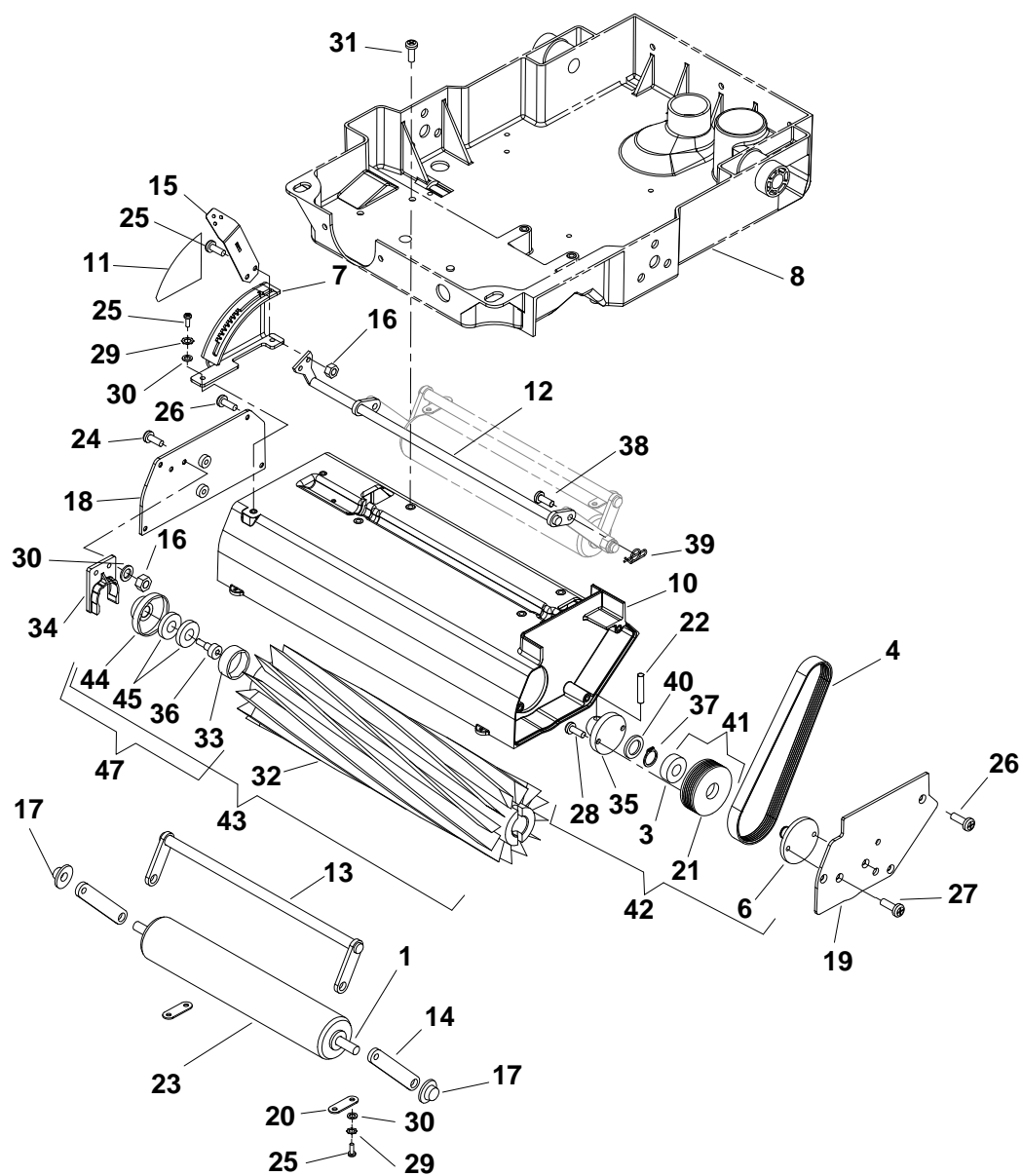
# FRAME ASSEMBLY



## FRAME ASSEMBLY

| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                    | SERIAL NO.<br>FROM | NOTES: |
|-----|----------|---------|-----|--------------------------------|--------------------|--------|
| 1   |          | OPEN    | -   | -                              |                    |        |
| 2   | 86003620 | 34341   | 1   | FRAME, CLP FAMILY              |                    |        |
| 3   | 86004340 | 39528   | 1   | HOSE ASM, 1.5 BLK VAC X 15.5   |                    |        |
| 4   | 86001660 | 41236   | 2   | HUBCAP, 5/8" SHAFT             |                    |        |
| 5   | 86238820 | 41351   | 1   | HARNESS, MAIN, CLP/ADM         |                    |        |
| 6   | 86239610 | 41354   | 1   | HINGE, TANK TO FRAME           |                    |        |
| 7   | 86026150 | 53640   | 1   | MOTOR ASM, BRUSH CLP FAMILY    |                    |        |
| 8   | 86005640 | 57030   | 2   | NUT, 10-32 HEX NYLOCK          |                    |        |
| 9   | 86005810 | 57245   | 3   | NUT, 1/4-20 HEX NYLOCK SS      |                    |        |
| 10  | 86198530 | 99809   | 2   | FOAM TAPE, 1/8 THK X 3/4 1SDA  |                    |        |
| 11  | 86249430 | 62761   | 1   | PLATE, BRUSH MTR CLAMP         | 1000046197         |        |
| 12  | 86006020 | 64099   | 1   | PULLEY, 1.4 OD, 6GR, MICRO-V   |                    |        |
| 13  | 86250130 | 66282   | 6   | PLUG, HOLE, .375" BLK          |                    |        |
| 14  | 86250140 | 66288   | 2   | PLUG, 9/16 OD BLK NYLON        |                    |        |
| 15  | 86006580 | 70085   | 2   | SCR, 1/4-20 X 1/2 PPHMS SS     |                    |        |
| 16  | 86273980 | 70066   | 2   | SCR, 10-32 X 3/4 PPHMS         |                    |        |
| 17  |          | OPEN    | -   | -                              |                    |        |
| 18  | 86010630 | 87013   | 2   | WASHER, 1/4 ID X 5/8 OD SS     |                    |        |
| 19  | 86010660 | 87025   | 2   | WASHER, 1/4 LOCK EXT STAR SS   |                    |        |
| 20  | 86010650 | 87018   | 2   | WASHER, #10 X 9/16 OD          |                    |        |
| 21  | 86006550 | 70074   | 2   | SET SCR, 10-32 X 1/4 KCP       |                    |        |
| 22  | 86256190 | 73197   | 1   | STRAIN RELIEF, 90 DEGREE       |                    |        |
| 23  | 86259960 | OPEN    | -   | -                              |                    |        |
| 24  | 86259960 | 89506   | 2   | WHEEL, 1-15/16 X 10" HOOSIER   |                    |        |
| 25  | 86066230 | 03107   | 1   | AXLE, 5/8 X 17.06L             |                    |        |
| 26  | 86134490 | 99667   | 10" | HEAT SHRINK, 3/4 ID UL/CSA     |                    |        |
| 27  | 86253090 | 73943   | 1   | SEAL, FRAME/TANK               |                    |        |
| 28  | 86002370 | 20035   | 1   | CLAMP, 7/16 DIA NYLON UL       |                    |        |
| 29  | 86233140 | 20041   | 1   | CLAMP, 2.0" WORM GEAR          |                    |        |
| 30  | 86274760 | 70271   | 2   | SCR, 1/4-20 X 1/2 HHCS PLTD    |                    |        |
| 31  | 86006530 | 70057   | 2   | SCR, 1/4-20 X 1 PPHMS SS       |                    |        |
| 32  | 86272160 | 66052   | 1   | PIN, ROLL 1/8" X 1.0"L         |                    |        |
| 33  | 86276610 | 70697   | 1   | SCR, 1/4-20 X 1.25 PPHMS SS    |                    |        |
| 34  | 86005710 | 57105   | 3   | NUT, 1/4-20 HEX W/ STAR WASHER |                    |        |

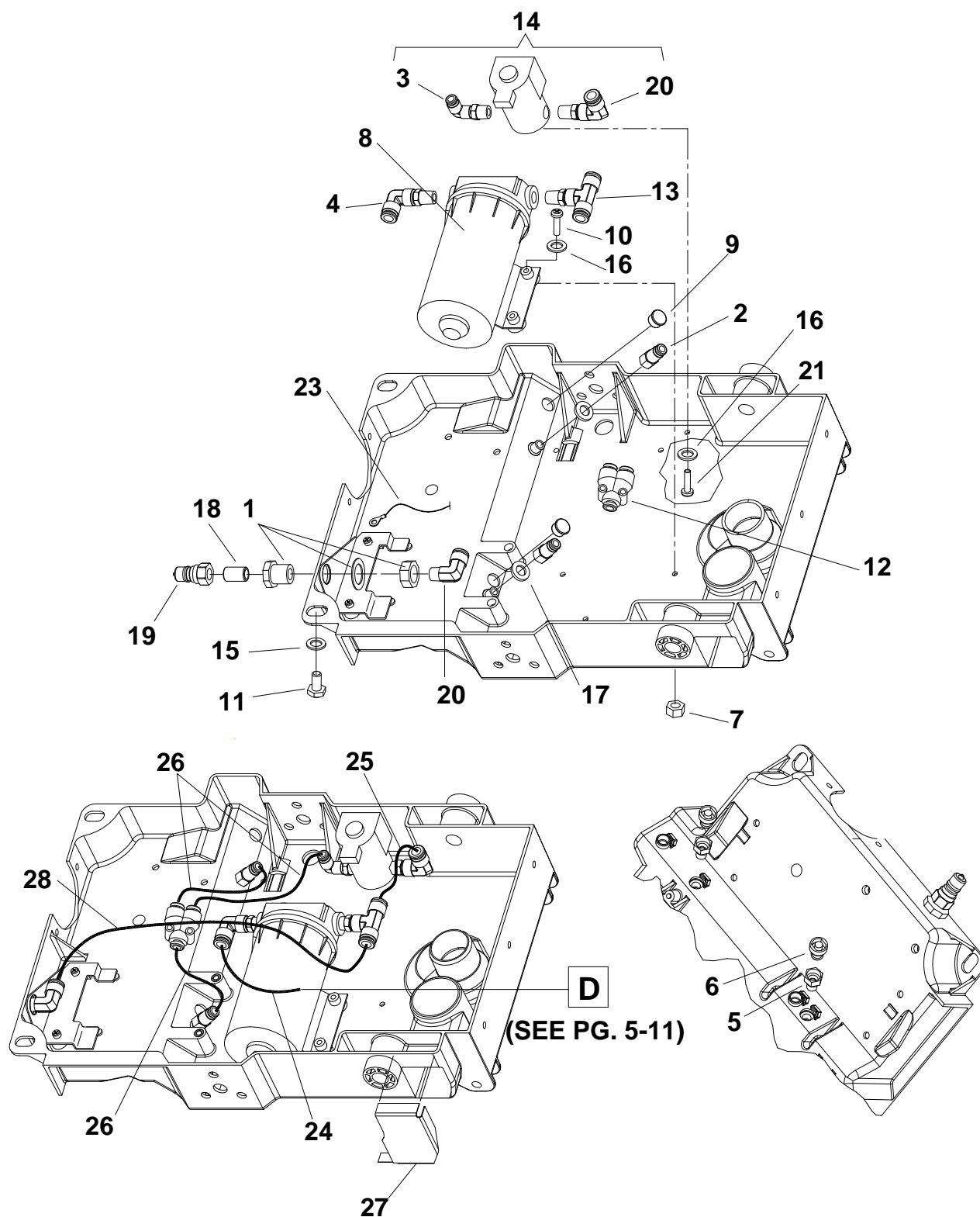
# BRUSH ASSEMBLY



## BRUSH ASSEMBLY

| REF | PART NO. | PART NO. | QTY | DESCRIPTION                      | SERIAL NO.<br>FROM | NOTES: |
|-----|----------|----------|-----|----------------------------------|--------------------|--------|
| 1   | 86000730 | 03110    | 1   | AXLE, ROLLER                     |                    |        |
| 2   | 86227100 | 04084    | 1   | ADAPTER, BRUSH BRG.              |                    |        |
| 3   | 86000900 | 09019    | 2   | BEARING, 1.125ODX.500IDX.375     |                    |        |
| 4   | 86001100 | 11045    | 1   | BELT, 180J6 MICRO-V              |                    |        |
| 5   | 86001140 | 12514    | 1   | BRUSH, 15L X 3.38OD              |                    |        |
| 6   | 86001300 | 140343   | 1   | BRKT, BRUSH PULLEY               |                    |        |
| 7   | 86001310 | 140351   | 1   | BRKT, BRUSH HEIGHT               |                    |        |
| 8   | 86003620 | 34341    | REF | FRAME, CLP FAMILY                |                    |        |
| 9   | 86004060 | 36192    | 2   | GUARD, THREAD                    |                    |        |
| 10  | 86004470 | 41345    | 1   | HOUSING, BRUSH 15"               |                    |        |
| 11  | 86004980 | 50998    | 1   | LABEL, BRUSH HEIGHT              |                    |        |
| 12  | 86093080 | 51311    | 1   | LINKAGE, ASM, BRUSH HEIGHT       |                    |        |
| 13  | 86005110 | 51312    | 1   | LINKAGE ASM, ROLLER SUPPORT      |                    |        |
| 14  | 86005120 | 51314    | 2   | LINK, ROLLER, FRONT              |                    |        |
| 15  | 86005130 | 51317    | 1   | LEVER, HEIGHT ADJUSTMENT         |                    |        |
| 16  | 86005640 | 57030    | 4   | NUT, 10-32 HEX NYLOCK            |                    |        |
| 17  | 86008580 | 57271    | 2   | NUT, 3/8 DIA CAP, TYPE PUSH PLT  |                    |        |
| 18  | 86249410 | 62758    | 1   | PLATE, BRUSH HOUSING RH          |                    |        |
| 19  | 86249420 | 62759    | 1   | PLATE, BRUSH HOUSING LH          |                    |        |
| 20  | 86005930 | 62762    | 2   | PLATE, AXLE RETAINER             |                    |        |
| 21  | 86250680 | 64098    | 1   | PULLEY, 2.2 OD, 6GR, MICRO-V     |                    |        |
| 22  | 86006220 | 66192    | 1   | PIN, ROLL 1/4 X 1.25L            |                    |        |
| 23  | 86006430 | 67411    | 1   | ROLLER, 1.9 DIA X 10.5 LG        |                    |        |
| 24  | 86006510 | 70043    | 2   | SCR, 10-32 X 5/8 PFHMS           |                    |        |
| 25  | 86006590 | 70088    | 8   | SCR, 10-32 X 1/2 PPHMS SS DL     |                    |        |
| 26  | 86006650 | 70177    | 7   | SCR, 10-32 X 1/2 FHMS SS         |                    |        |
| 27  | 86006700 | 70232    | 2   | SCR, 10-32 X 3/8 FHMS SS         |                    |        |
| 28  | 86275530 | 70497    | 2   | SCR, #10-24 X 1/2 SHCS           |                    |        |
| 29  | 86010640 | 87016    | 4   | WASHER, #10 LOCK EXT STAR SS     |                    |        |
| 30  | 86010650 | 87018    | 6   | WASHER, #10 X 9/16 OD            |                    |        |
| 31  | 86007030 | 70675    | 4   | SCR, 1/4-20 X 5/8 THMS PLTD NP   |                    |        |
| 32  | 86230620 | 12524    | 1   | BRUSH, 15 L X 3.38 OD G2         | 1000060649         |        |
| 33  | 86251710 | 67467    | 1   | RING, TOLERANCE 7/8 ID X 1/2 W   | 1000060649         |        |
| 34  | 86003070 | 27805    | 1   | CLIP, BEARING                    |                    |        |
| 35  | 86003370 | 29157    | 1   | DRIVER, BRUSH                    |                    |        |
| 36  | 86278130 | 70737    | 1   | SHLDR BOLT, 3/8 OD X 3/8 L SS NP | 1000060649         |        |
| 37  | 86272770 | 67094    | 1   | RING, 1/2 EXT. SNAP              |                    |        |
| 38  | 86272510 | 66310    | 2   | PIN, CLEVIS 1/4 X 1/2 PLTD       |                    |        |
| 39  | 86008650 | 80604    | 2   | COTTER, 1/4" RING                |                    |        |
| 40  | 86008160 | 73966    | 1   | SPACER, .81ID X 1.06OD, ALUM     |                    |        |
| 41  | 86006030 | 64102    | 1   | PULLEY ASM, BRUSH                |                    |        |
| 42  | 86003390 | 29208    | 1   | DRIVER ASM, BRUSH                |                    |        |
| 43  | 86001140 | 12514    | 1   | BRUSH ASM, 15 IN                 |                    |        |
| 44  | 86227150 | 05158    | 1   | ADAPTER, BRUSH BRG. DIE CAST     | 1000060649         |        |
| 45  | 86228890 | 09137    | 2   | BEARING R6 3/8 ID                | 1000060649         |        |
| 46  | 86028010 | 47383    | 1   | BRUSH BEARING ASM                |                    |        |
| 47  | 86004750 | 47416    | REF | KIT, BRNG/ADPTR EXTRCTR          |                    |        |

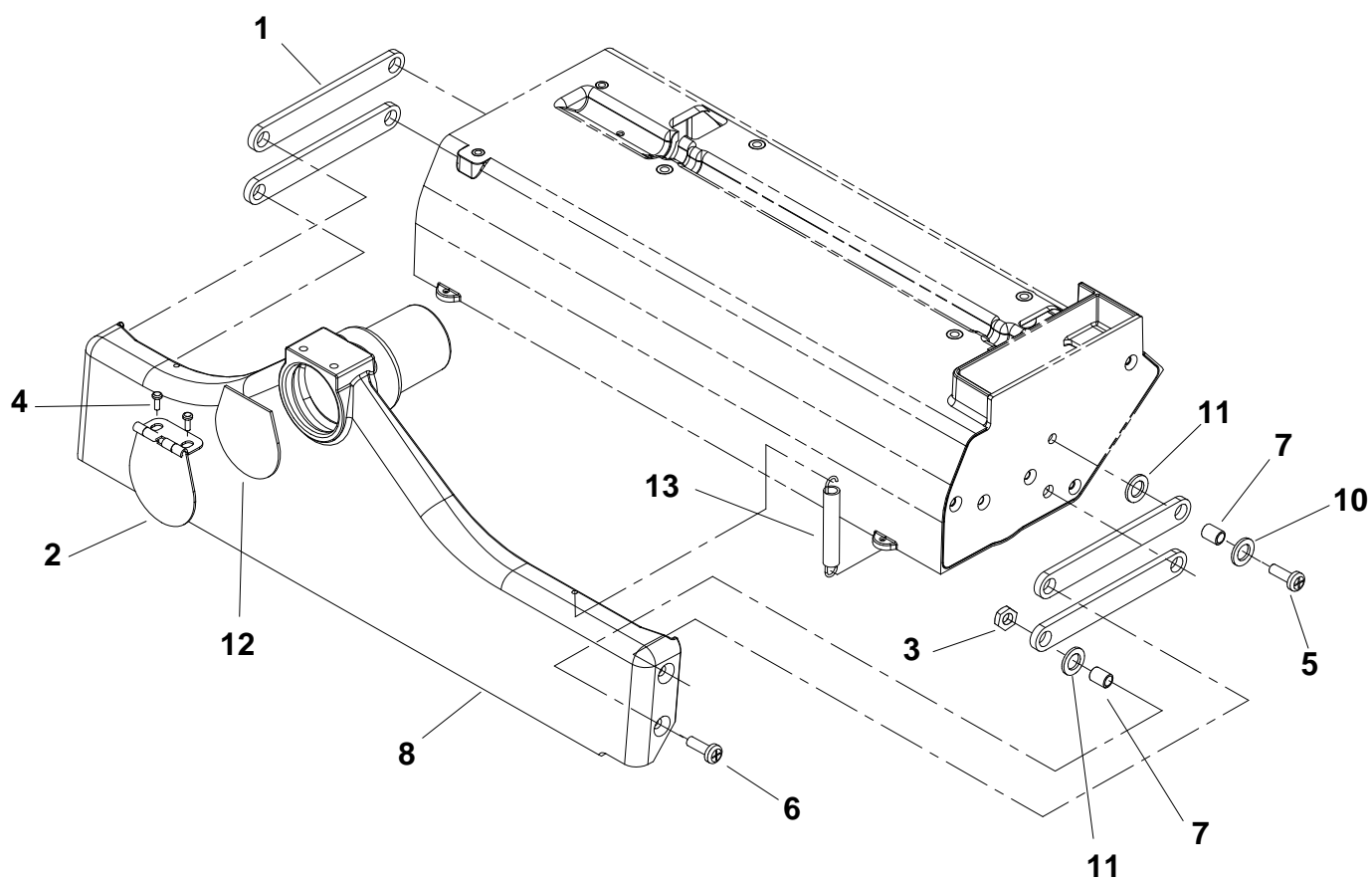
# PUMP ASSEMBLY



## PUMP ASSEMBLY

| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                     | SERIAL NO.<br>FROM | NOTES: |
|-----|----------|---------|-----|---------------------------------|--------------------|--------|
| 1   | 86002470 | 22072   | 1   | COUPLING, 1/4 ANCHOR W/1" HEX   |                    |        |
| 2   | 86002480 | 22090   | 2   | CONNECTOR, 1/8FPT X 1/4 TUBEQC  |                    |        |
| 3   | 86003470 | 31072   | 1   | ELBOW, SWIVEL, 1/4MPTX1/4TUBE   |                    |        |
| 4   | 86003490 | 31074   | 1   | ELBOW, SWIVEL, 3/8MPTX3/8TUBEQC |                    |        |
| 5   | 86004570 | 44067   | 2   | JET BODY, MINI PROMAX BODY      |                    |        |
| 6   | 86241680 | 44073   | 2   | JET, MINI PROMAX 9503           |                    |        |
| 7   | 86005640 | 57030   | 2   | NUT, 10-32 HEX NYLOCK           |                    |        |
| 8   | 86026390 | 65201   | 1   | PUMP ASM, 115V 100 PSI W/CONN   | 1000167303         |        |
| 9   | 86250140 | 66288   | 2   | PLUG, 9/16 OD BLK NYLON         |                    |        |
| 10  | 86274410 | 70195   | 2   | SCR, 10-32 X 1.25 PPHMS         |                    |        |
| 11  | 86273750 | 70011   | 2   | SCR, 1/4-20 X 5/8 HHCS SS       |                    |        |
| 12  | 86003640 | 34355   | 1   | FITTING, 1/4 TUBE,"Y", QC       |                    |        |
| 13  | 86008360 | 78419   | 1   | TEE, 3/8 MPT X 3/8 TUBE, QC     |                    |        |
| 14  | 86026940 | 84160   | 1   | VALVE ASM, SOLENOID CLP FAMILY  |                    |        |
| 15  | 86010810 | 87191   | 2   | WASHER, 1/4"IDX1.0OD. FLAT SS   |                    |        |
| 16  | 86010650 | 87018   | 4   | WASHER, #10 X 9/16 OD           |                    |        |
| 17  | 86010820 | 87192   | 2   | WASHER, 7/16 X 3/4 X .19RUBBER  |                    |        |
| 18  | 86005590 | 56014   | 1   | NIPPLE, 1/4 CLOSE               |                    |        |
| 19  | 86005580 | 56012   | 1   | NIPPLE, 1/4 FPT QD              |                    |        |
| 20  | 86003500 | 31076   | 2   | ELBOW, 1/4 MPT X 3/8 TUBE, QC   |                    |        |
| 21  | 86274290 | 70162   | 2   | SCR, 10-32 X 3/8 PPHMS SS       |                    |        |
| 22  |          | -       | -   | OPEN                            |                    |        |
| 23  | 86267400 | 880278  | 1   | WIRE, 22" GRN/18 76011 X 76011  | 100046197          |        |
| 24  | 86281890 | 39529   | 1   | HOSE, 3/8 URETHANE X 29"        |                    |        |
| 25  | 86004350 | 39530   | 1   | HOSE, 3/8 NYLON X 6"            |                    |        |
| 26  | 86281900 | 39531   | 3   | HOSE, 1/4 URETHANE X 6"         |                    |        |
| 27  | 86253020 | 73963   | 1   | SCREEN, INTAKE                  |                    |        |
| 28  | 86004400 | 39591   | 1   | HOSE, 3/8 ID NYL11 YLW X 29"    |                    |        |

## VACUUM SHOE ASSEMBLY

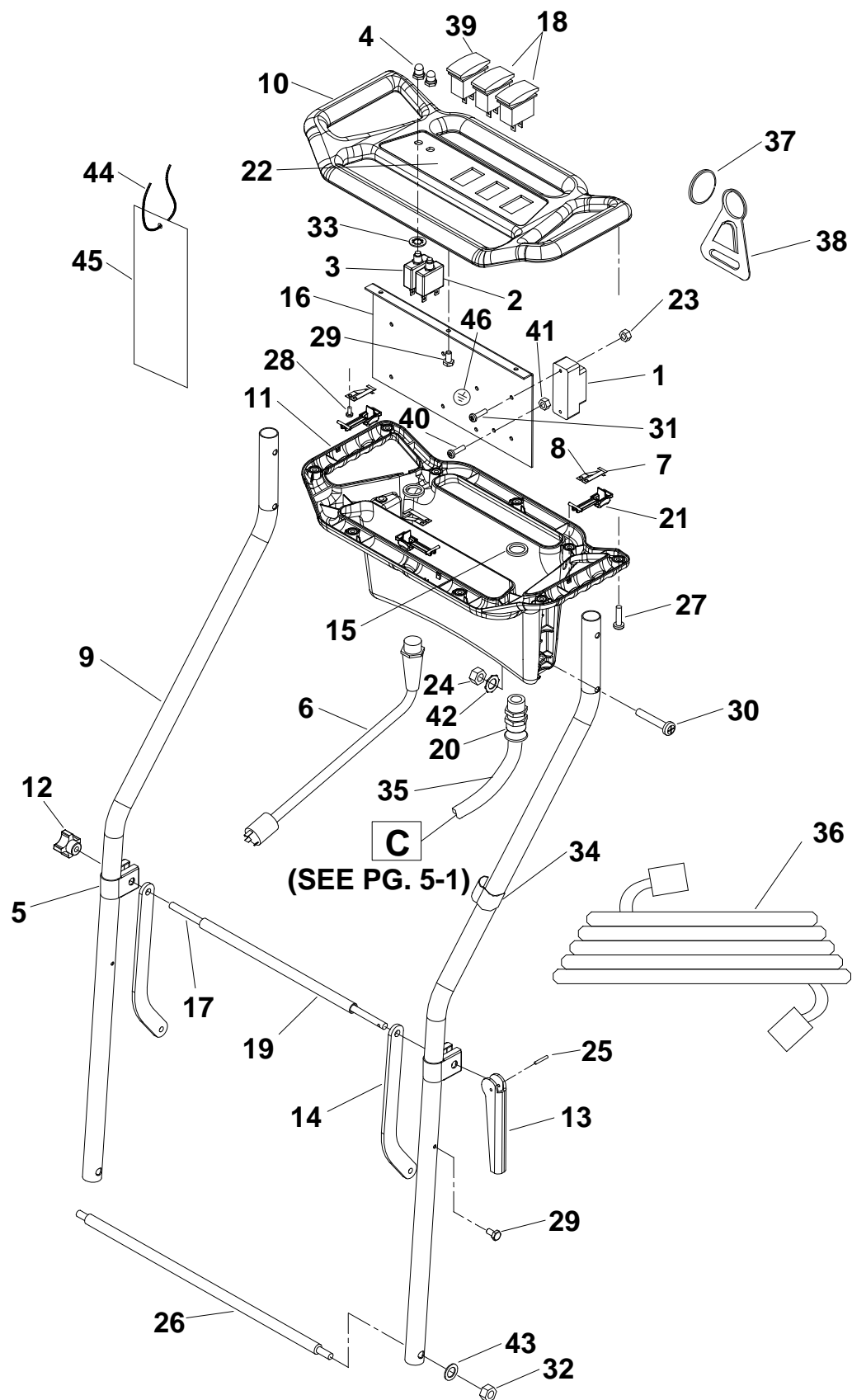




## VACUUM SHOE ASSEMBLY

| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                    | SERIAL NO.<br>FROM | NOTES: |
|-----|----------|---------|-----|--------------------------------|--------------------|--------|
| 1   | 86227350 | 05016   | 4   | ARM, VAC SHOE PARALLEL         |                    |        |
| 2   | 86234760 | 27674   | 1   | COVER, ACCESSORY PORT          |                    |        |
| 3   | 86005810 | 57245   | 4   | NUT, 1/4-20 HEX NYLOCK SS      |                    |        |
| 4   | 86006790 | 70351   | 2   | SCR, 10-32 X 3/8 HHTR W/STAR   |                    |        |
| 5   | 86275120 | 70360   | 4   | SCR, 1/4-20 X.75 PPHMS PHIL    |                    |        |
| 6   | 86006840 | 70390   | 4   | SCR, 1/4-20 X 1 FHCS PLTD      |                    |        |
| 7   | 86008130 | 73958   | 8   | SPACER, 3/8ODX.058WX.2814,CRS  |                    |        |
| 8   | 86010620 | 85039   | 1   | VAC SHOE, 15"                  |                    |        |
| 9   | OPEN     | -       | -   | -                              |                    |        |
| 10  | 86010630 | 87013   | 4   | WASHER, 1/4 ID X 5/8 OD SS     |                    |        |
| 11  | 86010700 | 87074   | 8   | WASHER, WAVE 3/8ID X3/4D X.125 |                    |        |
| 12  | 86003780 | 35171   | 1   | GASKET, ACCESSORY PORT         |                    |        |
| 13  | 86008120 | 73955   | 2   | SPRING, EXT .38D X2.75L X.055W |                    |        |

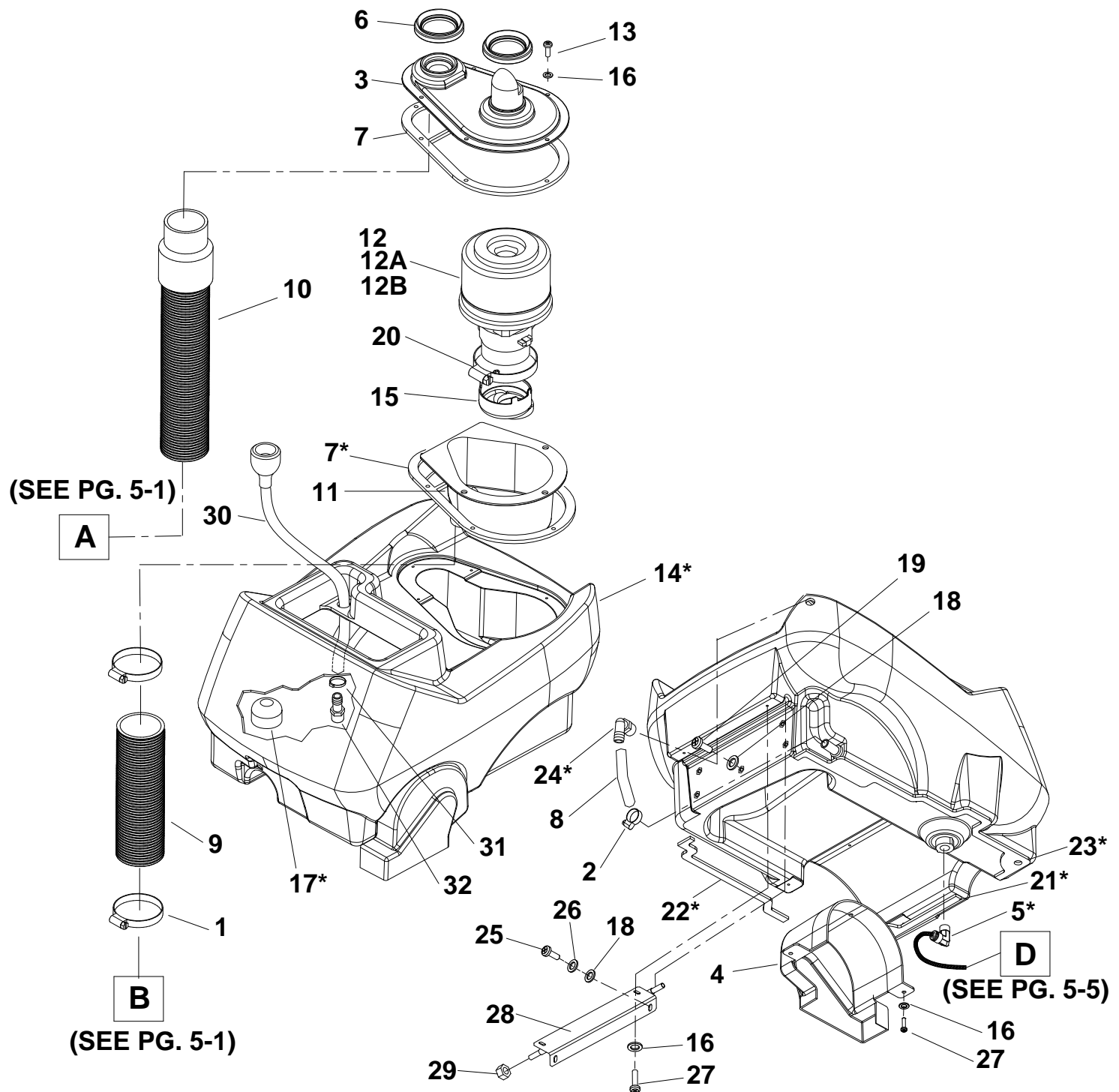
# CONTROL PANEL ASSEMBLY



## CONTROL PANEL ASSEMBLY

| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                     | SERIAL NO.<br>FROM | NOTES: |
|-----|----------|---------|-----|---------------------------------|--------------------|--------|
| 1   | 86001240 | 14020   | 1   | TERMINAL BLOCK, 115V (3-4-3)    |                    |        |
| 2   | 86001980 | 14700   | 1   | BREAKER, 15A 250VAC 50VDC       |                    |        |
| 3   | 86230210 | 14832   | 1   | BREAKER, 6A VDE CIRCUIT         |                    |        |
| 4   | 86002010 | 14942   | 2   | BOOT, 3/8 CIRCUIT BREAKER       |                    |        |
| 5   | 86233240 | 20084   | 2   | CLAMP, HANDLE LOCK              |                    |        |
| 6   | 86234320 | 23679   | 1   | CORD ASM, 14/3 X 22" YLW        |                    |        |
| 7   | 86003130 | 27823   | 3   | CONTACT, ELECTRICAL, FLAT       |                    |        |
| 8   | 86003140 | 27824   | 3   | CONTACT, ELECTRICAL, BENT       |                    |        |
| 9   | 86076550 | 38283   | 2   | HANDLE, ADM8                    |                    |        |
| 10  | 86004100 | 38286   | 1   | HANDLE, CONTROL PANEL FRONT     |                    |        |
| 11  | 86004110 | 38287   | 1   | HANDLE, CONTROL PANEL REAR      |                    |        |
| 12  | 86004790 | 48012   | 1   | KNOB, 5/16-18 4 PRONG           |                    |        |
| 13  | 86246300 | 51039   | 1   | LEVER, HANDLE CLAMP             |                    |        |
| 14  | 86246650 | 51313   | 2   | LINK, HANDLE ADJ.               |                    |        |
| 15  | 86005670 | 57040   | 2   | NUT, 1/2 NPT CONDUIT            |                    |        |
| 16  | 86081530 | 62766   | 1   | PLATE, CONTROL PANEL, CLP/ADM   |                    |        |
| 17  | 86264270 | 67073   | 1   | ROD, HANDLE LOCK                |                    |        |
| 18  | 86007140 | 72130   | 2   | SWITCH, SPST 2-POSITION ROCKER  |                    |        |
| 19  | 86087410 | 73180   | 1   | SPACER, .50 ODX.058WX9.84L CRS  |                    |        |
| 20  | 86256240 | 73505   | 1   | STRAIN RELIEF, 1/2 NPT TRUMPET  |                    |        |
| 21  | 86008350 | 78418   | 3   | TRIGGER, SWITCH                 |                    |        |
| 22  | 86245950 | 50996   | 1   | LABEL, CONTROL PANEL, CLP/ADM   |                    |        |
| 23  | 86005760 | 57116   | 2   | NUT, 6-32 W/STAR WASHER PLTD    |                    |        |
| 24  | 86005810 | 57245   | 4   | NUT, 1/4-20 HEX NYLOCK SS       |                    |        |
| 25  | 86272190 | 66068   | 1   | PIN, ROLL 1/8" X 5/8"L          |                    |        |
| 26  | 86227650 | 03109   | 1   | AXLE, HANDLE ADM8               |                    |        |
| 27  | 86006870 | 70406   | 9   | SCR, #10 X 3/4 PPHST TYPE B     |                    |        |
| 28  | 86006620 | 70127   | 6   | SCR, 6-32 X 1/4 PPHMS SS        |                    |        |
| 29  | 86006790 | 70351   | 5   | SCR, 10-32 X 3/8 HHTR W/STAR    |                    |        |
| 30  | 86274150 | 70105   | 4   | SCR, 1/4-20 X 1.75 PPHMS SS     |                    |        |
| 31  | 86006710 | 70235   | 2   | SCR, 6-32 X 1.0 PH BLK NYLON    |                    |        |
| 32  | 86005750 | 57113   | 2   | NUT, 5/16-18 HEX NYLOCK         |                    |        |
| 33  | 86010750 | 87100   | 2   | WASHER, 3/8 ID INT.LOCK THIN    |                    |        |
| 34  | 86198480 | 27371   | 2   | CLIP, POWER CORD                |                    |        |
| 35  | 86238820 | 41351   | REF | HARNESS, MAIN CLP/ADM           |                    |        |
| 36  | 86234110 | 23086   | 1   | CORD SET, 14/3 SJTW-A X 50' YLW |                    |        |
| 37  | 86272840 | 67147   | 1   | RING, 2" DIA SPLIT              |                    |        |
| 38  | 86256170 | 73169   | 1   | STRAIN RELIEF, CORD HOOK        |                    |        |
| 39  | 86007200 | 72162   | 1   | SWITCH, DPDT3-POSITION ROCKER   |                    |        |
| 40  | 86006830 | 70386   | 1   | SCR, 10-32 X 1" PPHMS           |                    |        |
| 41  | 86005700 | 57104   | 3   | NUT, 10-32 W/STAR WASHER PLTD   |                    |        |
| 42  | 86010660 | 87025   | 1   | WASHER, 1/4 LOCK EXT STAR SS    |                    |        |
| 43  | 86010670 | 87029   | 2   | WASHER, 5/16 FLAT SS            |                    |        |
| 44  | 86002870 | 27417   | 1   | CORD, 99807 1/8 X 12"           |                    |        |
| 45  | 86232290 | 500017  | 1   | CARD, INSTRUCTION ADM8          |                    |        |
| 46  | 86245040 | 50279   | 1   | LABEL, GROUND SYMBOL            |                    |        |

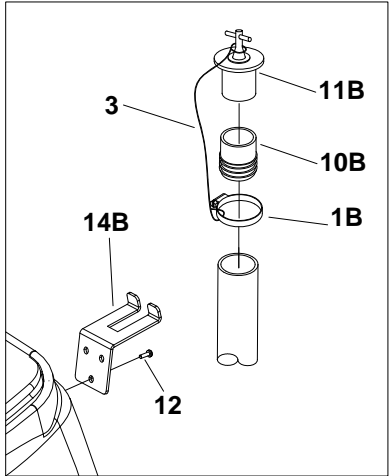
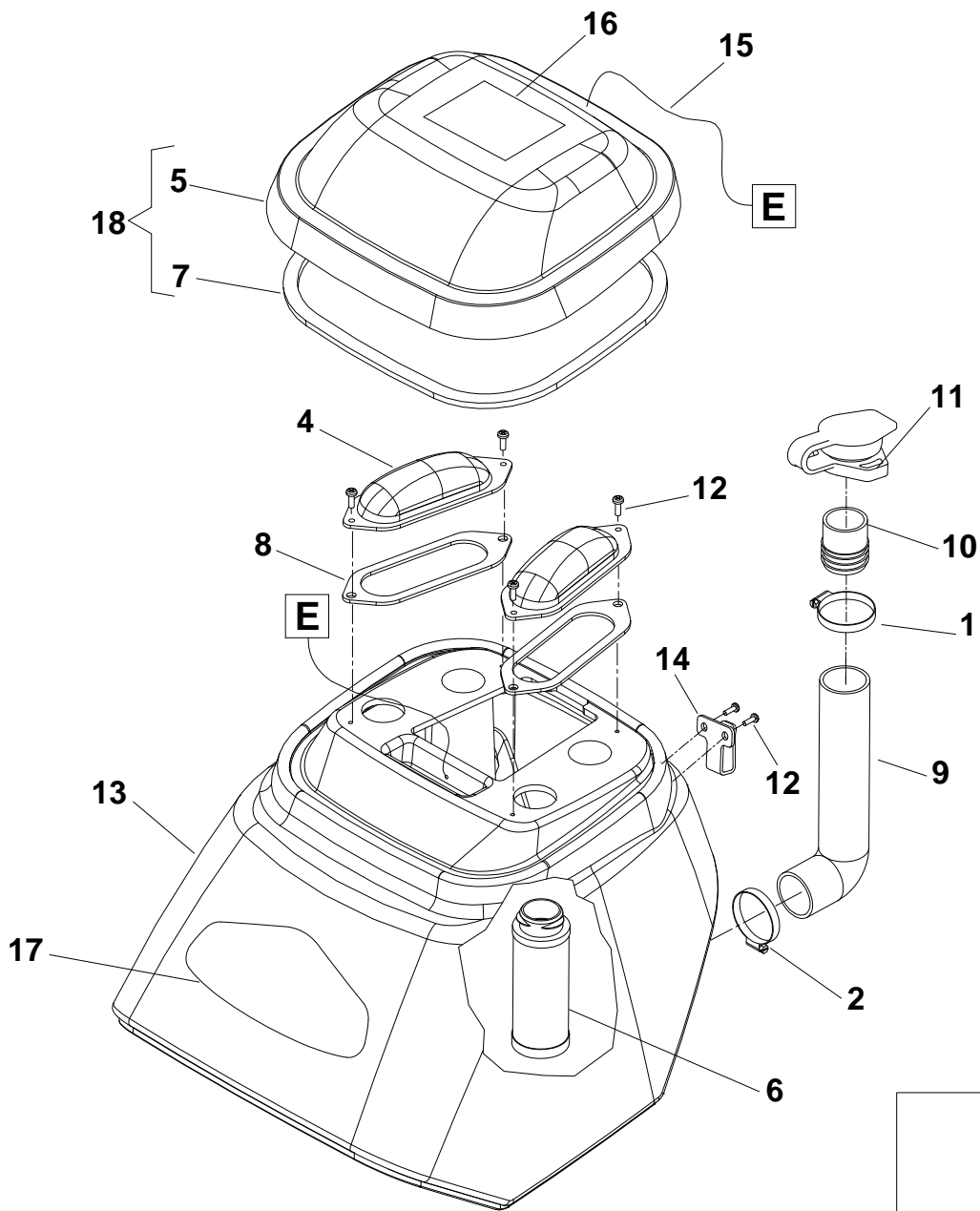
# SOLUTION TANK ASSEMBLY



## SOLUTION TANK ASSEMBLY

| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                           | SERIAL NO.<br>FROM | NOTES:             |
|-----|----------|---------|-----|---------------------------------------|--------------------|--------------------|
| 1   | 86233140 | 20041   | 2   | CLAMP, 2.0" WORM GEAR                 |                    |                    |
| 2   | 86233150 | 20042   | 1   | CLAMP, 3/8 HOSE (D-SLOT)              |                    |                    |
| 3   | 86003080 | 27809   | 1   | COVER, VAC MOTOR                      |                    |                    |
| 4   | 86003090 | 27810   | 1   | COVER, BELT                           |                    |                    |
| 5   | 86235500 | 31081   | 1   | ELBOW, 3/8 MPT X 3/8 TUBE,<br>PLASTIC |                    |                    |
| 6   | 86003790 | 35175   | 2   | GASKET, TANK TO VAC COVER             |                    |                    |
| 7   | 86003920 | 35231   | 2   | GASKET, VAC COVER (CLP<br>FAMILY)     |                    |                    |
| 8   | 86281880 | 39526   | 1   | HOSE, 1/2 CLEAR X 12                  |                    |                    |
| 9   | 86240090 | 39527   | 1   | HOSE, 1.5 BLK VAC X 3.0               |                    |                    |
| 10  | 86004340 | 39528   | REF | HOSE ASM, 1.5 BLK VAC X 15.5          |                    |                    |
| 11  | 86240980 | 41348   | 1   | HOUSING, VAC MOTOR                    |                    |                    |
| 12  | 86026880 | 53789   | 1   | VAC MOTOR ASM, CLP FAMILY             |                    |                    |
| 12A | 86135340 | 14258   | -   | BRUSH SET, 120V 5.7 VAC,<br>AMATEK    | *                  | SERVICE<br>ONLY    |
| 12B | 86135320 | 140687  |     | BRUSH SET, 120V VAC, WINDSOR          | *                  | SERVICE<br>ONLY    |
| 13  | 86275690 | 70525   | 6   | SCR, #10 X 1.0 PPHST TYPE B           |                    |                    |
| 14  | 86032260 | 75259   | 1   | TANK, ADM SOLUTION                    |                    |                    |
| 15  | 86259060 | 85037   | 1   | VENT, COOLING AIR SMALL               |                    |                    |
| 16  | 86010650 | 87018   | 10  | WASHER, #10 X 9/16 OD                 |                    |                    |
| 17  | 86007970 | 73864   | 1   | STRAINER, 3/8 IN. NPT 60 MESH         |                    |                    |
| 18  | 86010630 | 87013   | 5   | WASHER, 1/4 ID X 5/8 OD SS            |                    |                    |
| 19  | 86006580 | 70085   | 3   | SCR, 1/4-20 X 1/2 PPHMS SS DL         |                    |                    |
| 20  | 86233260 | 20092   | 1   | CLAMP, 3.5" WORM GEAR                 |                    |                    |
| 21  | 86003950 | 35236   | 1   | GASKET, TANK, L-F                     |                    |                    |
| 22  | 86003960 | 35237   | 1   | GASKET, TANK, L-R                     |                    |                    |
| 23  | 86003970 | 35238   | 1   | GASKET, TANK, RH                      |                    |                    |
| 24  | 86197940 | 40027   | 1   | HOSEBARB, 3/8MPTX1/2 90D DL           |                    |                    |
| 25  | 86275120 | 70360   | 2   | SCR, 1/4-20 X.75 PPHMS PHIL           |                    |                    |
| 26  | 86010660 | 87025   | 2   | WASHER, 1/4 LOCK EXT STAR SS          |                    |                    |
| 27  | 86006600 | 70114   | 4   | SCR, #10 X 3/4 PPHST TYPE B           |                    |                    |
| 28  | 86095840 | 89183   | 1   | WELDMENT, HANDLE PIVOT ADM8           |                    |                    |
| 29  | 86005810 | 57245   | 2   | NUT, 1/4-20 HEX NYLOCK SS             |                    |                    |
| 30  | 86260690 | 02130   | 1   | HOSE ASSY- FILL HOSE                  |                    |                    |
| 31  | 86233150 | 20042   | 1   | CLAMP, 3/8 HOSE (D-SLOT)              |                    |                    |
| 32  | 86197920 | 40023   | 1   | HOSEBARB, 1/2MPT X 3/8 DL             |                    |                    |
| 33  | 86026670 | 75277   | 1   | TANK ASM, SOLUTION ADM8               |                    | *ITEMS<br>INCLUDED |

**RECOVERY TANK ASSEMBLY**



## RECOVERY TANK ASSEMBLY

| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                  | SERIAL NO.<br>FROM | NOTES: |
|-----|----------|---------|-----|------------------------------|--------------------|--------|
| 1A  | 86002400 | 20064   | 1   | CLAMP, 2.0" WORM GEAR X .312 | 1000083447         |        |
| 1B  | 86002350 | 20002   | 1   | CLAMP, 2.0" NYLON RATCHET    |                    |        |
| 2   | 86233140 | 20041   | 1   | CLAMP, 2.0" WORM GEAR        |                    |        |
| 3   | 86008400 | 78499   | 1   | TETJER, DRAIN PLUG           |                    |        |
| 4   | 86003110 | 27816   | 2   | COVER, REC. TANK             |                    |        |
| 5   | 86235280 | 28060   | 1   | DOME, CLP FAMILY             |                    |        |
| 6   | 86003630 | 34351   | 1   | FLOAT SHUT-OFF               |                    |        |
| 7   | 86003910 | 35230   | 1   | GASKET, DOME                 |                    |        |
| 8   | 86003930 | 35232   | 2   | GASKET, PORT COVER           |                    |        |
| 9   | 86004200 | 39353   | 1   | HOSE, 1.5 X 12.0 DRAIN       |                    |        |
| 10A | 86004510 | 41391   | 1   | HOSE, INSERT                 | 1000083447         |        |
| 10B | 86004450 | 40019   | 1   | HOSEBARB, 1.5 DOUBLE MCHD    |                    |        |
| 11A | 86004500 | 41390   | 1   | HOSE, CAP                    | 1000083447         |        |
| 11B | 86006240 | 66227   | 1   | PLUG DRAIN HOSE              |                    |        |
| 12  | 86006600 | 70114   | 6   | SCR, #10 X 3/4 PPHST TYPE B  |                    |        |
| 13  | 86032270 | 75260   | 1   | TANK, ADM RECOVERY           |                    |        |
| 14A | 86001370 | 140408  | 1   | BRKT, HOSE HOOK              | 1000083447         |        |
| 14B | 86001190 | 140133  | 1   | BRKT, RECOVERY HOSE MTG      |                    |        |
| 15  | 86002870 | 27417   | 1   | CORD, 99807 1/8 X 12"        |                    |        |
| 16  | 86242230 | 500009  | 1   | LABEL, WARNING               |                    |        |
| 17  | 86245930 | 50994   | 1   | LABEL, ADMIRAL MAIN          |                    |        |
| 18  | 86003330 | 28061   | 1   | DOME ASM                     |                    |        |

## SUGGESTED SPARE PARTS

| PART NO. | PRV NO. | DESCRIPTION                     | SERIAL NO.<br>FROM | NOTES:    |
|----------|---------|---------------------------------|--------------------|-----------|
| 86001140 | 12514   | BRUSH, 15L X 3.38OD             |                    | WAS 12031 |
| 86001100 | 11045   | BELT, 180J6 MICRO-V             |                    |           |
| 86000900 | 09019   | BEARING, 1.125ODX.500IDX.375    |                    |           |
| 86004570 | 44067   | JET BODY, MINI PROMAX BODY      |                    |           |
| 86241680 | 44073   | JET, MINI PROMAX 8003           |                    | WAS 44072 |
| 86026390 | 65201   | PUMP ASM, CLP/ADM               |                    |           |
| 86026940 | 84160   | VALVE ASM, SOLENOID CLP FAMILY  |                    |           |
| 86003780 | 35171   | GASKET, ACCESSORY PORT          |                    |           |
| 86001980 | 14700   | BREAKER, 15A 250VAC 50VDC       |                    |           |
| 86230210 | 14832   | BREAKER, 6A VDE CIRCUIT         |                    |           |
| 86007140 | 72130   | SWITCH, SPST 2-POSITION ROCKER  |                    |           |
| 86007200 | 72162   | SWITCH, DPDT3-POSITION ROCKER   |                    |           |
| 86026880 | 53789   | VAC MOTOR ASM, CLP FAMILY       |                    |           |
| 86007970 | 73864   | STRAINER, 3/8 IN. NPT 60 MESH   |                    |           |
| 86003330 | 28061   | DOME ASM, CLP FAMILY            |                    |           |
| 86003630 | 34351   | FLOAT SHUT-OFF                  |                    |           |
| 86006240 | 66227   | PLUG, DRAIN HOSE                |                    |           |
| 86135340 | 14258   | BRUSH SET, 120V 5.7 VAC, AMATEK |                    |           |
| 86135320 | 140687  | BRUSH SET, 120V VAC, WINDSOR    |                    |           |